Meeting Agenda

Water Quality Goal Implementation Team Meeting

Meeting Theme: Getting Ready for Development of the Phase III WIP Planning Targets

October 24 – 25, 2016 / Hershey Lodge, PA
Room: Wild Rose A/B

Ex. 6 Personal Privacy (PP)

Day 1: Monday, October 24, 2016

10:00 am – 10:20 am	**Welcome, Introductions, & Setting the Stage** Presentation of the upcoming decisions to be made through spring 2017 and decisions to be made during the course of this two-day meeting. **Decision**: By the end of the meeting, agreement on upcoming decisions and the timing of those decisions. **Materials**: 2016-2019 month-by-month schedule of Midpoint Assessment decisions organized by Water Quality Goal Implementation Team (WQGIT), Management Board, and Principals' Staff Committee conference call and meeting dates.	Dana Aunkst, Deputy Secretary of Water Programs, PADEP James Davis-Martin, WQGIT Chair
10:20 am – 11:00 am	**Phase III WIP Planning Targets Methodology** Outline of the proposed Phase III Watershed Implementation Plans (WIP) planning targets methodology, highlighting where the Partnership could consider making further refinements to reflect new data, information and insights since Partnership development of the 2010 Chesapeake Bay TMDL. **Decisions:** 1) Approval of the updated E3 and no action scenario levels of implementation definitions as proposed by the WQGIT's source sector workgroups. **Materials:** Proposed Phase III WIP planning targets methodology briefing paper and supporting presentation.	Lee Currey, Modeling Workgroup Co-Chair Dave Montali, Modeling Workgroup Co-Chair
11:00 am – 12:00 pm	**Findings from Running of Initial Ranging Scenarios Through the Watershed and Bay WQ Models** Presentation and discussion of the findings and implications of running the first rounds of 1985, 2009 and 2015 Progress, Phase II WIP, Phase 5.3.2 E3, Phase 5.3.2 No Action and Phase 5.3.2 All Forest scenarios through the current Beta versions of the Partnership's Phase 6 Watershed Model and Bay Water Quality/Sediment Transport Model. Discussion of how we can use forthcoming decision support tools and data visualization	Gary Shenk, Phase 6 Watershed Model Team Leader Lew Linker, CBP Modeling Coordinator John Wolf, CBPO GIS Team Leader

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	capabilities to support model review and development of the draft Phase III WIPs. **Decisions:** 1) Agreement on follow through actions in response to findings from these very initial ranging scenarios. 2) Agreement on plans and schedule for better visualizing model scenario outputs from the full suite of Partnership models. 3) Agreement on needs, next steps, and respective timelines for completing the development of tools. **Materials:** Briefing paper outlining ranging scenario findings, proposed approaches to scenario output visualization, and recommended follow through actions with a supporting presentation.	Olivia Devereux, CBP Scenario Builder Team
12:00 pm – 1:00 pm	**LUNCH** Group picture right before breaking for lunch	Location TBD
1:00 pm – 2:30 pm	**Understanding the Effect of the Conowingo Dam and Reservoir on Bay Water Quality** Briefing on the Bay scientific community's current understanding of what has and is happening as loads from the Susquehanna River watershed work their way through the lower Susquehanna River dams and into the upper Chesapeake Bay. Overview of the proposed Conowingo modeling approach using the Partnership's Phase 6 Chesapeake Bay Watershed Model and Chesapeake Bay Water Quality/Sediment Transport Model to fully quantify how much additional nutrient and sediment loads need to be addressed. Discussion of the WQGIT's recommendations to the Management Board. **Decisions**: 1) Agreement that we have an understandable story to tell about the effect of the Conowingo Dam and Reservoir on Bay water quality. 2) Agreement on the proposed Conowingo modeling approach to yield updated estimates of the additional nutrient and sediment loads which need to be addressed by spring 2017. 3) Agreement on WQGIT's recommendations to the Management Board regarding the assignment of responsibility for how to fully address the additional nutrient and sediment loads coming over Conowingo Dam due to the Conowingo Reservoir reaching its capacity to trap nutrients and sediments. **Materials:** Briefing paper with supporting presentation. On-line access to the recorded September 2016 Conowingo webinar.	Lee Currey, Modeling Workgroup Co-Chair Dave Montali, Modeling Workgroup Co-Chair Scott Phillips, STAR Co-Chair
2:30 pm – 2:40 pm	**Break**	
2:40 pm – 4:00 pm	**Base Conditions for Phase III WIPs** Discussion of using 2025 forecasted conditions as the basis on which to develop the jurisdictions' Phase III WIPs; how	Peter Claggett, CBP Land Use Workgroup Coordinator

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	are forecasts developed and what might cause them to change; updating forecasted conditions every two years; and factoring in the updated forecasted new pollutant loads into the jurisdictions' 2-year milestones; base conditions for annual progress; consideration of alternatives: 2010, 2014, 2017, 2025 **Decision:** Agreement on WQGIT's recommendations to the Management Board regarding base conditions in the Phase III WIPs. Materials: Briefing paper outlining the alternatives for base conditions with pros and cons for each. On-line access to the recorded October 2016 2025 forecasted conditions webinar.	Karl Berger, CBP Land Use Workgroup Chair
	Strategies for Accounting for Growth Discussion of strategies to account for growth to ensure all future new pollutant loads are offset. Are the Bay models the best system to estimate growth and new loads? Decision: Agreement on presenting the proposed approach to ensuring all future new pollutant loads are offset to the Management Board at their November 2016 meeting. Materials: Briefing paper outlining the proposed approach to ensuring all future new pollutant loads are offset with a supporting presentation.	Pat Gleason, Trading and Offsets Workgroup Coordinator Jeff Sweeney, CBPO Implementation Evaluation Team Leader
4:00 pm- 5:00 pm	**Expanding the Role of Observed Monitoring Trends in Development of the Phase III WIP Planning Targets** Preview of plans for sharing stepwise increases in spatial detail and the depth of explanation of the observed water quality and biological resource trends in the watershed and Bay tidal waters at 6-month increments out through 2018. Discussion of exactly what the partners' need in the way of explanation of monitoring trends, by when, and in what formats. Discussion of how we can better visualize long term monitoring trends and the explanations of these observed trends in order to better inform the development of the Phase III WIP Planning Targets. **Decisions:** 1) Agreement on the proposed process for incremental sharing of increasing more detailed explanation of observed watershed and tidal water monitoring trends through time at 6-month intervals. 2) Agreement on how to better meet the monitoring trend explanation expectations of the partners. 3) Agreement on plans and schedule for better visualizing watershed and Bay tidal water monitoring trends and the explanations of those observed trends in a way that can better inform the development of the Phase III WIP Planning Targets. **Materials:** Briefing paper outlining proposed updates of the explanation of watershed and tidal waters observed monitoring trends in 6-month increments with a supporting presentation. On-line access to the recorded September 2016 explaining trends webinar.	Joel Blomquist, STAR ITAT Co-Chair Jeremy Testa, STAR ITAT Co-Chair John Wolf, CBPO GIS Team Leader

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5:00 pm – 5:15 pm	**Wrap-up and Adjourn**	Teresa Koon, WQGIT Vice-Chair
6:00 pm – 7:00 pm	**Dinner**	Location TBD
7:00 pm - ??	**Social Activity - TBD**	Location TBD

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

Adobe Connect: [HYPERLINK "http://epawebconferencing.acms.com/waterqualitygit/"]

Day 2: Tuesday, October 25, 2016

7:00 am – 8:30 am	**Breakfast**	Location TBD
8:30 am – 10:00 am	**What are Our Options for Factoring in Consideration of Climate Change into the Phase III WIPs** Overview of proposed climate change assessment procedures to yield quantification of forecast effects of climate change on watershed hydrology and loads as well as estuarine water quality. Brief review of recent, preliminary climate change model analyses for sea level rise projections, projected changes in water column temperatures, estimates for wetland inundation, and the changes in the climatology and hydrology in the watershed presented through the October webinar. Presentation and discussion of options for if, when and how to factor climate change considerations into the Phase III WIPs. **Decisions: 1)** Agreement to present the proposed climate change assessment procedures, including whether to use a 2025 or 2050 climate change projection to guide the future work of the Climate Resiliency Workgroup, as the WQGIT's recommendations to the Management Board. 2) Agreement on the ranges of options for if, when and how to factor climate change considerations into the Phase III WIPs with decisions in spring 2017 informed by the outcomes of the proposed climate change assessment procedures. 3) Agreement on next steps, timeline and upcoming climate change related Partnership decisions. Materials: Briefing paper describing proposed climate change assessment procedures with supporting presentation. Briefing paper describing alternatives for if, when and how to factor climate change considerations into the Phase III WIPs with pros and cons of each. On-line access to the recorded October 2016 climate change webinar.	Mark Bennett, Climate Resiliency Workgroup Co-Chair Erik Myers, Climate Resiliency Workgroup Co-Chair Zoë Johnson, CBP Climate Resiliency Workgroup Coordinator Lew Linker, CBP Modeling Workgroup Coordinator

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10:00 am – 11:00 am	**Partnership's Local Area Planning Targets Task Force's Preliminary Recommendations** Presentation and discussion of preliminary recommendations from the Partnership's Local Area Planning Targets Task Force on (1) whether to establish local area planning targets and (2) options for expressing local area targets in the jurisdictions' Phase III WIPs. **Decision**: Agreement on next steps, timeline and upcoming Partnership decisions in regards to the work of and recommendations from the Partnership's Local Area Planning Targets Task Force. **Materials**: Briefing paper with supporting presentation.	Joan Salvati, LAPT TF Co-Chair Lisa Schaefer, LAPT TF Co-Chair
11:00 am – 11:10 am	**Break**	
11:10 am – 12:00 pm	**Options for Addressing BMP Expert Panel Reports Beyond Phase 6 Model Deadlines** Discussion of options for how and when to incorporate approved BMP expert panel report recommendations that were not approved prior to the September 30th deadline for all Phase 6 Model inputs. **Decision:** Agreement on next steps, timeline and method for incorporating Partnership-approved BMP expert panel report recommendations into the Phase 6 modeling tools past the September 30th deadline. **Materials:** Briefing paper with BMP expert panel status.	James Davis-Martin, WQGIT Chair Lucinda Power, CBP WQGIT Coordinator
12:00 pm – 1:00 pm	**Lunch**	Location TBD
1:00 pm – 2:30 pm	**Phase III WIP Planning Targets Methodology** Discussion to reach agreement on the proposed Phase III WIP planning targets methodology, including where the Partnership could consider making further refinements to reflect new data, information and insights since Partnership development of the 2010 Chesapeake Bay TMDL. **Decision:** 1) : Agreement on WQGIT's recommendations to the Management Board regarding the proposed Phase III WIP planning targets methodology and the base year for setting the planning targets as refined/amended by the WQGIT. **Materials**: Briefing paper with supporting presentation.	Lee Currey, Modeling Workgroup Co-Chair Dave Montali, Modeling Workgroup Co-Chair Gary Shenk, Phase 6 Watershed Model Team Leader Lew Linker, CBP Modeling Coordinator
2:30 pm – 3:00 pm	**Work Planning and Decision Making Schedule through May 2017 (and Beyond): Follow-up and Wrap-up**	James Davis-Martin, WQGIT Chair

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	Review of the schedule of meetings, conference calls, and decisions leading up to the proposed May 2017 Principals' Staff Committee retreat, factoring in discussions, agreements, and timelines discussed during the past two days. Overview of key decisions, action items and next steps agreed to during the meeting. Final thoughts and reactions from WQGIT members, workgroup chairs, and Partnership advisors. **Decision:** Agreement on the overall 2016-2019 Midpoint Assessment decision organized by conference call and meeting dates as amended to reflect decisions during the two-day meeting. **Materials**: 2016-2019 month-by-month schedule of Midpoint Assessment decisions organized by Water Quality Goal Implementation Team, Management Board, and Principals' Staff Committee conference call and meeting dates.	Teresa Koon, WQGIT Vice-Chair
3:00 pm	**Adjourn**	

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