

**CHESAPEAKE BAY PROGRAM WATER QUALITY GOAL IMPLEMENTATION TEAM**  
**APRIL 5<sup>TH</sup> AND 6<sup>TH</sup> MEETING**

**Eisenhower Hotel and Conference Center**  
**Gettysburg, Pennsylvania**

**Conference Line:** 866-299-3188 **Conf Code:** 5176284390

**Adobe Connect:** Day One – [http://chesapeake1.na4.acrobat.com/wqgit\\_4-5-10/](http://chesapeake1.na4.acrobat.com/wqgit_4-5-10/)

Day Two – [http://chesapeake1.na4.acrobat.com/wqgit\\_4-6-10/](http://chesapeake1.na4.acrobat.com/wqgit_4-6-10/)

**Purpose:**

To agree on methods for revising basinwide target cap loads for nitrogen and phosphorus; share preliminary sediment information; recommend methods and next steps of distributing nutrient loads among the jurisdiction-basins; and recommend a limited number of options for addressing filter feeders and dams in the Bay TMDL to the Principals' Staff Committee at their April 29<sup>th</sup> – 30<sup>th</sup> meeting.

**Day One: Monday, April 5<sup>th</sup>, 2010**

**10:30 AM      Welcome and Introductions** – Pat Buckley/Bob Yowell/Bob Koroncai

- Meeting logistics
- Review of the agenda

**10:40 AM      What is the PSC expecting from us at their April meeting** – Bob Koroncai

- How the meeting is structured to arrive at PSC recommendations
- Review of relevant WQGIT decisions since October PSC mtg
- Review of 'parking lot' of Bay TMDL issues still to be addressed before and after the April PSC meeting

**PRESENTATION:** *Presentation A1:* Key Decisions October 2009 – March 2010 and Chesapeake Bay TMDL Parking Lot Issues for Resolution Post the April PSC Meeting

**11:00 AM      Review/Approval of Revised Basinwide Nutrient Target Loads** – Lewis Linker

Based on decisions made and incorporated since the draft basinwide nutrient targets of 200 million pounds nitrogen and 15 million pounds phosphorus were presented to the PSC in October 2009, Lewis will present:

- Review of decisions and model calibrations that have influenced the nutrient basinwide target loads
- Revised detailed and summary spotlight plots for % DO and chlorophyll-a criteria non-attainment by key loading scenarios
- Revised recommended basinwide nitrogen and phosphorus target loads (pending confirmation that meets clarity standards in shallow waters– WQSTM scenarios will be run prior to April 2010 PSC meeting- and attainment of standards in the James and other tidal tributaries).

- Review of the reasons why these targets will continue to evolve prior to publication of the final Bay TMDL in December 2010 and how EPA expects jurisdictions to address any such changes in their Phase I WIPs

**FEEDBACK REQUESTED:** WQGIT feedback on methods and next steps for revising draft basinwide nutrient target loads for presentation to the Principals' Staff Committee at their April 29<sup>th</sup> – 30<sup>th</sup>, 2010 meeting pending confirmation that these target loads also meet water quality standards for clarity in shallow waters.

**BRIEFING MATERIALS:** *Attachment B1:* Detailed and Summary Dissolved Oxygen and Chlorophyll-a Criteria Stoplight Plots

**PRESENTATION:** *Presentation B2:* Revised Recommended Basinwide Nutrient Target Loads

**12:30 PM      Group Lunch** (get the necessary energy inputs for surviving many more hours of reviewing model scenario outputs before 'evening beverages' are served!)

**1:30 PM      Update on Estimating Nitrogen Reductions that Can Be Achieved through Clean Air Act Standards and Rules** – Lewis Linker, Bob Koroncai  
Lewis and Bob will provide a preliminary cut at atmospheric nitrogen reductions assumed within Bay TMDL load allocations based on Clean Air Act standards and rules, including a comparison of proposed air reductions to the land based reductions.

**FEEDBACK REQUESTED:** Does the basis of these anticipated atmospheric nitrogen reduction make sense? Do the proposed reductions present an equivalent level of reduction to reductions expected from the other source sectors? What should we present at to the Principals' Staff Committee at their April meeting?

**PRESENTATION:** *Presentation C1:* Estimated Atmospheric Nitrogen Reduction through Clean Air Act Standards and Existing and Future Regulations: Preparing for the Bay TMDL Load Allocations

**2:30 PM      Review of the Distribution of Basinwide Nutrient Target Loads among Major Basins in Each State/DC** – Gary Shenk/ Bob Koroncai  
Gary will provide addition phase 5.3 scenario results and present how application of the current allocation methodology would distribute the revised basinwide nutrient target load. Gary will also review the relative impacts on the resultant jurisdiction-basins target loads. Bob will lead a discussion of what the Water Quality Goal Implementation Team wants to present to the Principals' Staff Committee at their April meeting and next steps for arriving at these recommendations prior to the PSC.

**BRIEFING MATERIALS:** *Attachment D1:* Proposed Distribution of Basinwide Nutrient Target Loads among the Major Basins by Jurisdiction

**PRESENTATION:** *Presentation D2:* Proposed Distribution of Basinwide Nutrient Target Loads among the Major Basins by Jurisdiction

- 3:30 PM**      **Break** (Is it 5 o'clock yet? Somewhere? Anyone for a drink?)
- 3:45 PM**      **Review of the Distribution of Basinwide Nutrient Target Loads among Major Basins in Each State/DC and Sediment Findings- continued**
- 4:30 PM**      **Initial Assessment of the Clarity/SAV Water Quality Standard** – Lewis Linker  
 Lewis will present preliminary findings on sediment target loads based upon Phase 5.3 Watershed Model results and attainment of chlorophyll-a and dissolved oxygen and a preliminary evaluation of attainment of clarity standards. He will present:
- Sediment reductions resulting from basinwide N/P reductions
  - Water clarity/SAV restoration acreage criteria assessment procedures
  - Finding and recommendations from the March 9 CBP Scientific and Technical Advisory Committee sponsored independent peer review of the Water Quality/Sediment Transport Model's Water Clarity/SAV sub-models
  - Proposed next steps to develop draft sediment target loads prior to presentation to the PSC at their April meeting
- FEEDBACK REQUESTED:** WQGIT feedback on the water clarity/SAV restoration acreage assessment procedures and the proposed next steps leading up to an initial, basinwide sediment target load to present to the PSC at their April 29<sup>th</sup> – 30<sup>th</sup>, 2010 meeting.
- BRIEFING MATERIALS:** *Attachment E1:* Stoplight Plots for Dissolved Oxygen, Chlorophyll-a and Clarity Criteria
- PRESENTATION:** *Presentation E2:* Initial Assessment of the Clarity/SAV WQ Standard
- 6:30 PM**      **Adjourn for 'It's well past 5 o'clock' watershed-oriented light refreshments, munchies and celebration of Bob Yowell's retirement!**
- 7:30 PM**      **Private Group Dinner**

## **Day Two: Tuesday April 6<sup>th</sup>, 2010**

**7:30 AM      Group Breakfast**

**8:30 AM      Recommended Next Steps Prior to PSC for Distribution of Revised Nutrient Targets among Major Basins in Each State/DC – Gary Shenk, Bob Koroncai**

**FEEDBACK REQUESTED:** WQGIT feedback on additional analyses and decisions needed to inform a recommendation on a set of nutrient target loads distributed among the major river basins by jurisdiction for presentation to the Principals' Staff Committee at their April meeting.

**9:30 AM      State Plans for Water Quality Criteria Addendum Adoption –**  
Monir Chowdhury, Rich Eskin, Alan Pollock, John Schneider  
State representatives will address the following questions:  
1) Are WQS modifications necessary in your state to apply in the bay TMDL the addendum modifications to the Bay criteria document? Why or why not?  
2) What WQS modifications are you planning in this regard?  
3) What are the milestone dates and anticipated adoption date for these WQS modifications?

**10:00 AM      Break**

**10:15 AM      Filter Feeder Options for Bay TMDL – Suzanne Hall**  
Suzanne will present options for addressing filter feeders into the Bay TMDL, Watershed Implementation Plans and/or future two-year milestones.

**DECISION REQUESTED:** WQGIT approval of recommendation to the PSC for addressing filter feeders.

**PRESENTATION:** *Presentation F1:* Filter Feeder Options for the Bay TMDL

**11:00 AM      Options for Addressing Sediment Behind the Dams – Suzanne Hall**  
Suzanne will present options for addressing sediment behind in the Conowingo Dam in the Bay TMDL.

**DECISION REQUESTED:** WQGIT approval of recommendation to the PSC for addressing the sediment and phosphorus behind the Conowingo dam.

**BRIEFING MATERIALS:** *Attachment G1:* FERC Approved Studies for Conowingo Dam

**PRESENTATION:** *Presentation G2:* Sediment, Dams and the Bay TMDL

**12:00 PM      Group Lunch**

**1:00 PM      Nutrient Management in the CBP Watershed Model Phase 5.3 and Scenario Builder** – Dave Hansen  
Dave will present an overview of how Phase 5.3 and Scenario Builder handle nutrient management. He will also summarize the Agricultural Workgroup discussion of this topic.

**PRESENTATION:** *Presentation H1:* Nutrient Management in the CBP Model

**2:00 PM      Chesapeake Bay TMDL Schedule** – Rich Batiuk  
Rich will detail the intermediate decisions and target dates necessary to establish a final Bay TMDL by December 23, 2010.

**PRESENTATION:** *Presentation II:* Updated Chesapeake Bay TMDL Schedule: April to December 2010

**3:00 PM      Review of Key Decisions and Next Steps** – Bob Koroncai  
Bob will summarize WQGIT decisions and next steps leading up to the April 29-30, 2010 PSC meeting.

**3:30 PM      Question/Answer on Final WIP Evaluation Guidelines** – WIP Subject Leads  
There will be a question and answer session with the subject areas leads for the Watershed Implementation Plan (WIP) evaluation on the final WIP evaluation guidelines.

**BRIEFING MATERIALS:** *Attachment J1:* WIP Evaluation Guidelines

**4:30 PM      Adjourn – Safe Travels and Thank You for Your Time!**