CHESAPEAKE BAY PROGRAM
WATER QUALITY GOAL IMPLEMENTATION TEAM
FEBRUARY 13TH, 2012 CONFERENCE CALL

DECISION AND ACTION ITEMS

ACTION: Gary Shenk will follow up with Bill Keeling on the implementation of Lotil P and Hitil P.
ACTION: WQGIT members should contact the modeling team for information on which scenarios include these changes or for any reruns that jurisdictions would like.
ACTION: WQGIT members should provide feedback on the BMP Effectiveness report outline and study locations.

MINUTES

Welcome/Confirm Call Participants and Updates – Larry Merrill, Chair

- Evan Branosky is the new Trading and Offsets Workgroup Chair, John Rhoderick Vice Chair.
- Decision Framework discussions ongoing, would like the group to think of how we would like to use this in the future. Scott Phillips and Greg Allen will draft a paper filling in WQGIT framework and, given time, will be discussed on upcoming call
- Toxics group will meet next week, Feb 22. This group is charged with producing a report by end of year. Contact Greg Allen for more information.
- Bruce Michael informed that team that the WQS variance for Eastern Bay and Chester River will be published March 9th, effective March 19th.
- Russ Baxter mentioned VA legislature is in session, which may provide future agenda topics.

Chesapeake Bay Program Watershed Model Update – Gary Shenk

- Updates made since calibration include:
  - Updated how Scenario Builder processes land use change BMPs that are reported as as a percent rather than as acres. The need to make this change did not become apparent until recently with the submission of WIPs and Milestone runs through CAST, which creates input decks in terms of percent implementation rather than acres. At this time in December, an error was noticed immediately and fixed in scenario builder. No previous scenarios are affected.
  - Lotil phosphorus (P) in p5.3.0 was 25% lower than Hitil P. In p5.3.2 it was 4% lower. Starting in December, which included the Draft Phase II WIP and Final Milestone scenarios, we added in the additional 21% P reduction for additional implementation of lotil that was implemented after the calibration period ended on December 31, 2005. The difference in the TMDL scenario case is ~1%. This works to the states' advantage. If CBPO had incorporated the change when developing the Phase II WIP planning targets last summer, the jurisdictions would have had a lower target for P.

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- Interim Placeholder BMPs recently approved include:
  - Bioswale (TN 0.75, TP 0.7, TSS 0.8)
  - Biorentention - with underdrain with AB Soils (TN 0.75, TP 0.7, TSS 0.8)
  - Permeable Pavement - with sandveg with underdrain with AB soils (TN 0.5, TP 0.5, TSS 0.7)
  - Permeable Pavement - no sandveg with underdrain with AB soils (TN 0.5, TP 0.45, TSS 0.7)

- Vegetated Open Channels - no underdrain with AB soils (TN 0.45, TP 0.45, TSS 0.7)
- Urban and Non-Urban Stream Restoration Interim Levels (currently being reviewed by BMP panel)

- Norm Goulet informed the group that permeable pavement should be on the list of BMPs for the Urban Stormwater Workgroup to review.

Update from the Management Board – Larry Merrill

- The process for evaluating milestones is being considered.
- The idea of supplemental wastewater indicator was discussed and modified recommendations created which could focus on the status of upgrades at significant facilities. The Management Board expressed interest as long as it did not create an additional reporting burden. EPA will review information already available can generate this supplemental indicator and update the WQGIT as the process continues.
- Management Board agreed that BMP Verification this needs to be moved forward. Direction that it should be inclusive to avoid conflicts with ongoing processes.
- Pat Buckley expressed several concerns with the verification process, including what should be raise
  - Buckley- don't recall the issue wanting to come up to PSC level
  - Batiuk- wanted to recognize that these processes did need to be considered, not typically fall into a sector
  - Buckley- model does not recognize improvement from reclaimed mine acres, request that summary be revised that this does not need to be brought to PSC membership
  - CBP will set up page to provide information. Associated w process to keep available information for workgroup

Lessons Learned on BMP Effectiveness – Katie Foreman, Liza Hernandez

- BMP Effectiveness Presentation
- Outline - BMP Efficiency Lessons Learned
- Proposed Locations
- Work done under STAR, trying to get handle on water quality response to BMPs.

ACTION: WQGIT members should provide feedback on the BMP Effectiveness report outline and study locations.

- Bill Keeling suggested Nomini Creek, which Virginia Tech as the contact.
- There will be the opportunity to compare efficiencies from this study to the model, but the plan is to look at a higher level- how we study, interpret etc. what is working and what is not. Suites of BMPs seem to be more effective than one practice but point is to look at bigger picture.
- New York expressed interest in being included in this study.
- An additional update will be provided to the WQGIT in April.

Lower Susquehanna River Watershed Assessment Study – Bruce Michael

The Lower Susquehanna River Watershed Assessment Study will evaluate strategies to manage sediment and associated nutrient delivery to the Chesapeake Bay as well as strategies to manage sediment and associated nutrients available for transport during high flow storm events to reduce impacts to the Chesapeake Bay. The study will also work to determine the effects to the Chesapeake Bay from the loss of sediment and nutrient storage from behind the hydroelectric dams on the Lower Susquehanna River.

For additional information please review the presentation provided.

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