

JOINT MEETING
Tidal Monitoring and Analysis Workgroup & Nontidal Water Quality Workgroup

Wednesday, March 27, 2013

10:00AM – 3:00PM

USGS Baltimore Science Center

For directions visit: <http://md.water.usgs.gov/directions/baltimore.html>

Conference Line: 866-299-3188, code 4102675731

Adobe Connect: <https://epa.connectsolutions.com/tmaw2/>

Meeting Calendar: <http://www.chesapeakebay.net/calendar/event/19252/>

AGENDA

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| 10:00 – 10:10 | Welcome and Introductions – W. Boynton (TMAW Chair) and S. Phillips (NTWG Chair) |
| 10:10 – 10:30 | Overview of the Midpoint Assessment Priority Work Plan and Meeting Objectives – S. Phillips (USGS) and R. Batiuk (EPA) |
| 10:30 – 11:00 | Initial Technical Approach to Explaining WQ Trends in the Watershed – J. Blomquist (USGS) and D. Moyer (USGS) |
| 11:00 – 11:20 | Explaining WQ Trends in the Watershed: Eastern Shore Synthesis Report – S. Ator (USGS) |
| 11:20 – 11:50 | Linking Land Inputs to Estuarine WQ Responses – W. Boynton (UMCES-CBL) |
| 11:50 – 12:10 | Linking WQ to Fish with a Biogeochemical Model that Integrates Physical Forcing, Biogeochemical Cycling, Trophic Interactions, and Human Influences – T. Ihde (NOAA) |
| 12:10 – 12:30 | Re-evaluating the Chlorophyll <i>a</i> Trend Explanation – C. Buchanan (ICPRB) |
| 12:30 – 1:00 | Lunch
<i>(Subway and other options are within walking distance; otherwise, please pack a lunch)</i> |
| 1:00 – 1:30 | Using Models and Associated BMP and Source Information to help Explain WQ Trends – G. Shenk (EPA) |

1:30 – 2:00

Discussion and Example of how Jurisdictions work to Explain WQ Trends
– B. Michael (MDDNR)

Bruce Michael will provide an example of how MD has attempted to explain water quality trends. Representatives from other jurisdictions will also be offered the opportunity to provide additional information on how they are explaining trends.

2:00 – 2:30

Developing an Integrated Technical Approach to Explaining WQ Trends
– All, facilitated by S. Phillips (USGS) and W. Boynton (UMCES-CBL)

Scott Phillips and Walter Boynton will lead the discussion on how to develop an integrated approach to better explain Chesapeake Bay water quality trends both in the watershed and tidal waters.

Guiding Questions:

- (1) How should we prioritize our efforts?
 - (a) Are our original geographic focuses (i.e., Eastern Shore, Potomac River, Susquehanna River, and Lower VA Rivers) still appropriate?
 - (b) Do we focus on areas where we anticipate change (i.e., areas where BMPs have been successfully implemented)
- (2) Is the holistic approach used in the watershed applicable to the estuary? Or do we need different approaches for DO, CHLA, and Water Clarity?
- (3) Should our focus be more topical?

2:30 – 3:00

Next Steps to Develop Draft Work Plan (Technical and Operational) –
All, facilitated by S. Phillips (USGS), W. Boynton (UMCES-CBL) and R. Batiuk (EPA)

3:00

Adjourn

NEXT TMAW MEETING:

Joe Mackins Memorial Conference Room
April 4, 2013
10AM-3PM

NEXT NTWG CONFERENCE CALL:

Conference Room 305A
April 17, 2013
1-3PM