



September Nontidal Workgroup Conference Call

September 26, 2013

Meeting Webpage:

<http://www.chesapeakebay.net/S=0/calendar/event/20921/>

Leadership: Scott Phillips – Chair (USGS), Lea Rubin – Staffer (CRC/CBPO)

Participants: Joel Blomquist (USGS), Peter Tango (USGS/CBPO), Mary Ellen Ley (USGS/CBPO), Mike Mallonee (ICPRB/CBPO), Nita Sylvester (EPA/CBPO), Steve Gladding (NYDEC), Tony Shaw (PADEP), Amy Williams (PADEP), Mike Langland (USGS), Kevin McGonigal (SRBC), Cindy Johnson (VADEQ), Doug Moyer (USGS), Ken Hyer (USGS), Jeff Chanut (USGS), Janine Howard (VADEQ), Hasson Mirsajadi (DNREC), Lucretia Brown (DC), Tom Parham (MDNR), Bruce Michael (MDNR), Dan Boward (MDNR), Claire Buchanan (ICPRB), Ward Sanford (USGS), Andy Gavin (SRBC), Don Smith (VADEQ), John Wirts (WV)

Technical Presentation: Role of groundwater in delaying water-quality response to management actions on the Delmarva Peninsula (*Ward Sanford, USGS*).

Ward presented results of an upcoming journal article about the influence of groundwater in delaying water-quality response to management actions on the Delmarva Peninsula.

Supporting material: [W. Sanford's Presentation](#)

Overview of schedule preparing the Bay Barometer and updating CBP Indicators (*Nita Sylvester – EPA/CBPO*)

N. Sylvester presented the 2013 timeline for release of the Bay Barometer and associated Chesapeake Bay Program Indicators (see table for indicators produced by our WG). The purpose of the Bay Barometer is to drive the interested and engaged community to the Chesapeake Bay Program Website.

Supporting material: [2011-2012 Bay Barometer](#) and [schedule of preparation](#).

Final Report – October 24th 2013

Press Release – November 6th, 2013

Table of Indicators being updated by the Nontidal Water Quality Workgroup

Nitrogen Loads and River Flow To the Chesapeake Bay
Phosphorus Loads and River Flow To the Chesapeake Bay
Sediment Loads and River Flow To the Chesapeake Bay
Nitrogen in Rivers Entering the Bay: Long-Term Flow Adjusted Concentration Trends
Nitrogen Short-Term FAC Trends in Watershed Streams/Rivers
Nitrogen Yields in Watershed Streams/Rivers
Phosphorus in Rivers Entering the Bay: Long-Term Flow Adjusted Concentration Trends
Phosphorus Short-Term FAC Trends in Watershed Streams/Rivers
Phosphorus Yields in Watershed Streams/Rivers
Sediment in Rivers Entering the Bay: Long-Term Flow Adjusted Concentration Trends
Sediment Short-Term FAC Trends in Watershed Streams/Rivers
Sediment Yields in Watershed Streams/Rivers

Status of Indicators being updated by the Nontidal Water Quality Workgroup (*Joel Blomquist – USGS, and Doug Moyer – USGS*)

Joel Blomquist and Doug Moyer updated Nita Sylvester and the NTWG with the status of Nontidal indicators produced by USGS annually.

Status of using DUET for uploading data for Indicators (*Mike Mallonee – ICPRB/CBPO*)

Mike Mallonee instructed the group on how to use the DUET database for the update of 2012 Nontidal Indicators. The workgroup participants provided Mike Mallonee with areas of potential improvements to shorten the time it takes to finalize data.

[DUET Status](#) and Summary of [WY2012 Sampling Events](#)

Next steps for sustaining the monitoring networks: (*Peter Tango – USGS*)

Peter presented the next steps for Building Environmental Intelligence (aka BASIN). Please review the [Briefing Paper](#) and [PowerPoint Presentation](#) that were to be given at the September Management Board meeting.