

Non-Tidal Workgroup Conference Call

January 16, 2013

1:30-3:00pm

CBP location: 303 Conference Room

The meeting material can be found at following website:

<http://www.chesapeakebay.net/calendar/event/18861/>



Participants

Scott Phillips-USGS (Chair)	Katie Foreman-UMCES (Coordinator)	Lea Rubin-CRC (Staff)	Adam Griggs-ICBRB
Bill Romano-MD DNR	Bruce Michael-MD DNR	Doug Chambers-USGS	Doug Moyer-USGS
Hassan Mirsajadi-DE DNR & EC	Joel Blomquist-USGS	Kevin McGonigal-SRBC	Liza Hernandez-UMCES
Mary Ellen Ley-USGS	Mike Mallonee-ICPRB	Peter Tango-USGS/CBP	Steve Gladding-NYS DEC

NEXT NTWG MEETING

February 20th, 2013, 1PM-3PM

CBP 305A Conference Room

Conference Line: (866) 299-3188 CODE: 4102675731

ADOBE Connect: <https://epa.connectsolutions.com/ntwg> (enter as a guest)

<http://www.chesapeakebay.net/calendar/event/18862/>

Action Items from January meeting

- Create a list of the main issues needed to address data management for 2013: short term and long term (M. Mallonee, M. Ley)
- Consider using the USGS/TNWG webpage on trends and loads to include an update about the "Status of the CBP Nontidal Monitoring Network (NTN)" which includes information on all new sites implemented during 2011-2012 and supporting documentation (new NTWG coordinator)
- Submit number of samples collected per station in 2012 to L. Rubin for submission in NTN stations Table (Monitoring organizations)
- Training for Lab and Field techniques at USGS office Dover, Delaware and inform NTWG for interested parties (M. Ley)
- **NTWG Discussion item:** Work with NTWG to develop comparable protocols for continuous monitoring at selected NTN stations (USGS, MD, ICPRB have their own protocols)
- Discuss with R. Batiuk steps needed to complete Lessons Learned report (L. Hernandez, P. Tango)

- Discuss with PA their concerns about using the Stream Health Indicator as basis for a restoration goal (C. Buchanan, S. Phillips)
 - Put together clear documentation on how to provide Indicators to NS (New NTWG coordinator)
 - Key results from the Toxic contaminants report presented to the NTWG (S. Phillips, G. Allen)
 - NTWG and TMAW should develop recommendation for funding distribution (i.e. new stations, expanding the network, Quality Assurance)
 - Set up a joint meeting with TMAW and NTWG **Scheduled for March 13, 2013 (L. Hernandez, S. Phillips, P. Tango, W. Boynton, L. Rubin)
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Minutes

Introductions and announcements, review and update on action items from 12/12/2012 meeting (Scott Phillips)

- Katie Foreman, the current NTWG Coordinator is leaving for a new job opportunity in Portland, Oregon. Her last day will be February 8th, 2013.

Action Items from 12/12/2012:

- K. Foreman, K. Moore and others will work to get all the indicators updated and documentation to N. Sylvester for the CBP end of the year report.
- D. Moyer will work on factsheet to communicate new trend technique for senior managers.
- K. Foreman, M. Mallonee, M. Koterboa and M. Ley will organize a group and individuals to work on next steps in the DUET/FAST process.
- K. Foreman, J. Blomquist and M. Ley will work with Sally and Bill to finalize details on a MD DNR site relocation issue.
- Workgroup members provide feedback to Adam on their organizations' Stressor Identification Methods by January 9th.

Update on communication products for new trend in load results (S. Phillips and D. Moyer)

- D. Moyer has provided presentations about the new trend in load technique to a number of different groups: SRBC, PA DEP, Assistant Secretary for Natural Resources PA State, Bay Commission, Bay Foundation, VA DEQ, MD DNR, MDE, NRCS, MDE, and CBP Water Quality GIT.
 - The briefing is based on the recent USGS Report on the new technique of calculating loads as opposed to concentration to see trends: the difference being that concentration is the amount of a nutrient in a given unit of water, and *load*, which is the total quantity that reaches the Bay. The USGS has also prepared a science summary and an article was published in the January/February 2013 issue of the Bay Journal
- N. Sylvester updated Indicator for flow-adjusted pollutant trends for Bay Barometer release in late January

Click to view an article from the Bay Journal about the [Technique reveals total loads, trends of nutrients entering Bay](#)

Click to view [2011-2012 Bay Barometer](#)

Overview of 2013 workplan (S. Phillips)

Main Goals for 2013

- I. Enhance and Coordinate Water-Quality Monitoring and Data Management
- II. Water-Quality Data Analysis and Information Delivery
- III. Support the needs of Chesapeake Bay Program Goal Implementation Teams

Accomplishments of 2012

- Updating guidance for QA, QC (M. Ley)
- Work with small watersheds: sampling and Lessons Learned Report (K. Foreman, L. Hernandez)
- Indicators
 - Results summarized for new technique trends and loads (N. Sylvester)
 - Interactive website for concentration trends click [here](#)
 - Technical Report, [Toxic Contaminants in the Chesapeake Bay and its Watershed: Extent and Severity of Occurrence and Potential Biological Effects](#), released on January 15th, 2013
 - Helped WQ GIT, forming a great relationship and offering support

Click to view the [NTWG 2012 workplan](#)

Moving forward to 2013-NTWG should keep in mind the we want to accomplished in 2013 will be more limited since we will be without a NTWG Coordinator

Click to view the new [Updated NTWG 2013 workplan](#)

- I. Enhance and Maintain the CBP nontidal monitoring Network
 - A. Data Management
 - The Data providers' conference call on 1.15.2013 ([web event](#)) showed progress in DUET.
 - QA details will be worked out over 2013, contact M. Ley or M. Mallonee for more details
 - **ACTION:** M. Ley and K. Foreman will create a list of the main issues needed for 2013 (short term and long term)
 - **ACTION:** Create webpage to include State of the NTN and recommendations to have all documentation in one place
 - Edits to workplan: Remove implement new sites, and replace with sustain sites

- Currently facing defunding of stream gages from local governments
- **ACTION:** K. McGonigal will communicate with P. Tango on dates of when funding decisions may occur for stream gages
- **ACTION:** Submit DUET's "number of events per station" to K. Foreman (M. Ley, M. Mallonee)
- **ACTION:** Training DVD-out of a USGS office Dover, Delaware and inform NTWG for interested parties (M. Ley)
- **ACTION:** NTWG follow up with M. Ley if you are interested in USGS training
- **NTWG Discussion item:** Get consensus on what the protocols are for continuous monitoring at NTN stations (USGS, MD, ICPRB have their own protocols) develop protocol to be used universally
- Develop a strategy to incorporate non-traditional partners in monitoring network and assessment

B. Identify opportunities to conduct small watershed studies

- Lessons Learned Report Update can be viewed [here](#)
 - **ACTION:** Editing Lessons Learned report and circulate for approval (L. Rubin, L. Hernandez)

II. Water-Quality Data Analysis and Information Delivery

A. Develop new indicators to support CBP Bay Barometer and Goal Teams

- Develop indicator for change over time for stream health (C. Buchanan) and work with streams WG under the Habitat Goal Team for technical feedback and review.
- **ACTION:** Develop response to PA regarding their concern of using Stream Health Indicator for restoration goals (, C. Buchanan, S. Phillips)
- Sustain existing indicators for Chesapeake Bay Program reports (i.e. Bay Barometer)
- **ACTION:** Put together clear documentation on how to provide Indicators to N. Sylvester (K. Foreman)

B. Assess and better explain water-quality condition

- TMAW is currently looking for funding sources to supplement USGS to conduct assessments of factors affecting water quality change in key areas: Eastern Shore to be focus in 2013. Being Potomac in 2013 and consider future report for VA, can be collaboration between TMAW and NTWG
 - Combined meeting scheduled for March 13, 2013 see [web event](#) for details
- **ACTION:** Key results from the Toxic contaminants report presented to the NTWG (S. Phillips, G. Allen)

C. **SUGGESTION:** Make sure NTWG is represented on ChesapeakeStat over the next year

Additions to the workplan:

- Integrate Conowingo Dam by linking the current website associated with the Army Corps of Engineers of the lower Susquehanna assessment study which contains relevant information about monitoring Conowingo Dam, and future installation of monitoring stations
- **ADD:** NTWG support for the monitoring efforts at the Conowingo Dam (i.e. special needs for monitoring before, during or after dredging events) (S. Phillips, B. Michael)
- **ADD:** Give support to the Habitat GIT to develop the new Water Temperature Indicator
 - USGS looked at historical 80 years of stream flow to investigate temperature changes collected with temperature gauges

State of the NTN and future vision of NTN needs based on partner feedback (P. Tango)

P. Tango's Presentation

P. Tango presented the developing presentation for the management board to reflect on where the NTN has been the past few years transitioning from MRAT, and suggestions from the nontidal monitoring community. NTN obtained more nontidal water quality monitoring sites. Conversations were had by the Chesapeake watershed partners (State governments) to get comments, concerns, and suggestions for the NTN. Growing need for Quality Analysis for the data conducted.

- **ACTION:** NTWG and TMAW should develop recommendation for funding distribution (i.e. new stations, expanding the network, Quality Assurance)
- **ACTION:** Set up a joint meeting with TMAW and NTWG **Scheduled for March 13, 2013 (L. Hernandez, S. Phillips, P. Tango, W. Boynton, L. Rubin)

