



## **February Non-Tidal Workgroup Conference Call**

February 20, 2012, 1-3pm

CBPO location: Rm. 305A

Meeting material can be found at following website:

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

### **Participants**

Scott Phillips-USGS (Chair)	Lea Rubin-CRC (Staff)	Mike Langland-USGS
Roger Stewart-VADEQ	Peter Tango-USGS/CBPO	Steve Gladding-NYSDEC
Doug Moyer-USGS	Mary Ellen Ley-USGS	Claire Buchanan-ICPRB
Lucretia Brown-DC	Molly Pulket-PA DEP	Hassan Mirsajadi-DE DNREC
Bill Romano-DNR	Kevin McGonigal-SRBC	Don Smith-VA DEQ
Sherm Garrison-MD DNR	Liza Hernandez-UMCES	Katherine Paybins-USGS
Mike Mallonee-ICPRB	Cindy Johnson-VA DEQ	Tony Shaw-PA DEP
Joel Blomquist-USGS		

### **NEXT NTWG MEETING**

**April 17<sup>th</sup>, 2013, 1PM-3PM**

**CBPO 305A Conference Room**

**Conference Line: (866) 299-3188 CODE: (410) 267-5731**

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

<http://www.chesapeakebay.net/calendar/event/18864/>

### **Minutes**

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#### **Action Items**

- Talk to R. Batiuk about EPA funding for the three MD stations (S. Phillips, P. Tango)
- Work with NY and PA to put together a list of gauges with funding needs (S. Gladding, P. Tango)
- Adjust NTN 2012 sample collection Spreadsheet based on today's updates (L. Rubin, P. Tango) *(Updated as of 4/2/2013)*
- Highlight changes in stations, parameters analyzed lab methods, and detection limits for Vistrionix to update DUET for the 2013 sampling year. Send to MM (Monitoring organizations)
- Questions and concerns about the WY2013 QC Sampling Guide should be directed at M. Ley

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**Introductions and Announcements, review and update on action items from 1/16/2013 meeting (Scott Phillips):**

Click to view materials from the [1/16/2013 NTWG meeting](#)

**Action Items from 1/16/2013** (*Italicized comments on Action Items*)

- Create a list of the main issues needed to address data management for 2013: short term and long term (MM, MEL)
- Consider using the USGS/NTWG loads and trends website to include additional information on the status of the NTN and documentation in one place (new NTWG coordinator)
- Submit number of samples collected per station in 2012 to L. Rubin for submission in [NTN Success Table](#) (Monitoring organizations)
  - *On agenda for this meeting*
- [Training for Lab and Field](#) techniques at USGS office Dover, Delaware and inform NTWG for interested parties (MEL)
  - *March 14<sup>th</sup> and 15<sup>th</sup> –Data information gathering and training*
- **NTWG Discussion item:** Work with NTWG to get consensus on what having comparable protocols for continuous monitoring at selected NTN stations (USGS, MD, ICPRB have their own protocols) (MEL, LR)
- Discuss with R. Batiuk steps needed to complete Lessons Learned report (LR, LH, PT)
  - *Part-time participation from UMCES partner-Christina Lyerly ([clyerly@umces.edu](mailto:clyerly@umces.edu))*
- have discussion with PA about their concerns using the Stream Health Indicator for making a restoration goal (CB, SP)
  - *Small group convened via conference call to discuss the PA concerns with Stream Health Indicator on March 25<sup>th</sup>. Outcome of that call: A small task force will assemble to determine another metric to qualify stream health for the Stream Health Indicator.*
- Put together clear documentation on how provide Indicators updates to for NS (New NTWG coordinator)
- [Key results from the Toxic contaminants report](#) presented to the NTWG (SP, GA)
  - *On agenda for this meeting*
- NTWG and TMAW should develop recommendation for potential increases in funding (i.e. new stations, expanding the network, QA/QC)
- Set up a joint meeting with TMAW and NTWG (LH, SP, PT, WB, LR)
  - *Joint TMAW/NTWG meeting occurred on March 27<sup>th</sup>, 2013, materials from that meeting can be viewed [here](#).*

**Updates on the 2012 sampling year from each monitoring organizations** (Each monitoring organization will provide an updated sampling summary and challenges)

Click to view [NTN 2012 sample collection Spreadsheet](#) (Updated 4/1/2013)

- For future recording of samples reaching annual goals discuss whether Water Year (WY) or Calendar year is more demonstrative of the sampling cycle, DUET will be reporting in WY.

**DE – 2012 NTN Monitoring Update ([Presentation](#)):**

- Summary: Two sampling sites (Nanticoke River at Bridgeville and Marshyhope Creek near Adamsville) upgraded to primary sites on October 5<sup>th</sup>. Storm samples are sent to USGS Kentucky lab for TSS/sand-fine particle analysis. Remaining parameters are analyzed at DE-DNREC. Completed the 12 samples for routine sampling goal and only 3 samples of the 8 storm sample goal. New Aqualab to collect high frequency samples at Nanticoke River site.
- Challenges: Storm sample collection, funding (2013 is fully funded), NTN sampling procedure.

**MD DNR - 2012 NTN Monitoring Update:**

- Summary: Funding through the Chesapeake Trust Fund allowed for three more stations. No longer collecting sulfate and chlorine samples due to loss in funding. Collected 100% of routine samples, and had challenges with storm sample collection.
- Challenges: Funding challenges, three sites are long term state sites, which have been upgraded to primary sites following the NTN sampling procedures. MDE's general water quality monitoring grant received from the EPA granted funding for the storm sampling at the following stations: Catoctin Creek (MD), Gunpowder Falls, and Patuxent River near Unity. The funding to MDE's program has been reduced; therefore the funds for the storm sampling program are not definite.
- **ACTION:** Talk to R. Batiuk about EPA funding for the three MD stations (S. Phillips, P. Tango)

**MD USGS – 2012 NTN Monitoring Update:**

- Summary: 4 RIM sites (great on Routine, Choptank issues with Storm samples), Chesterville Branch on the eastern shore (Great with sampling, 6 storm samples), 3 new DC Monitoring sites (Gauges in place at three stations, surrogate monitoring not yet started and looking for funds)

**NY SRBC/NYSDEC- 2012 NTN Monitoring Update:**

- Summary: 6 primary stations reached 87% of goal. Completed the routine sampling but short on storm sampling. They were able to collect one storm sample per quarter per site.

- Challenges: Funding for gauges (back funding needed)
- **ACTION:** Work with NY and PA to put together a list of gauges with funding needs (S. Gladding, P. Tango)

**PA - 2012 NTN Monitoring Update ([Presentation](#)):**

- Summary: Completed all routine and most of storm sampling events for 42 stations (10 of which are new as of 2012). Adding additional parameters to 15 stations in Marcellus Shale region of PA, 10 stations gathering data for the Copper Biotic Ligand Model and 4 stations will be adding pesticide testing. Working on turbidity probe installation.
- Challenges: Coordination of multiple collectors from three agencies, Ice jams at Marietta, permission from property owners, and station distance from office for storm sample collection

**VA - 2012 NTN Monitoring Update ([Presentation](#)):**

- Summary: One new site (Polecat Creek) and 5 secondary sites upgraded to primary sites totaling 24 Primary Sites and 12 secondary sites. USGS collects all storm samples. Dropped site (Catocin Creek) picked up by MD DNR.

**WV - 2012 NTN Monitoring Update ([Presentation](#)):**

- Summary: Completed 88% of sampling 2012 goal for 10 primary sites. Completed all routine samples, 3 stations (Abram Creek at Oakmont, Back Creek near Jones Springs, and Shenandoah River at Millville) were added during 2012, so those stations do not have 12 routine samples.
- Challenges: Distance to sites for storm sampling, discussed options such as: possible co-samplers, merging with VA, opening new field office
- Equal width vs. equal discharge sampling will arrive at almost identical results
- **ACTION:** Adjust NTN Success Spreadsheet based on today's updates (L. Rubin, P. Tango)  
(Updated as of 4/2/2013)

**Overview of upcoming joint NTWG/TMAW meeting to explain trends (S. Phillips)**

Scott addressed the need to develop a joint workplan with TMAW to explain water quality trends.

The joint NTWG and TMAW meeting will be to address the [STAR's Midpoint Assessment Priority Workplan: For Monitoring Data](#) for progress towards the Water Quality TMDL.

Necessary Datasets, Analyses, or Decisions that are responsibilities for the NTWG include:

- Using BMP information being reported for progress towards the Bay TMDL

- Expanding monitoring of nutrients and sediment in the watershed
- Enhancing analysis of trends of nitrogen, phosphorus and sediment in the watershed
- Providing key reports to better explain trends

As the NTWG is developing reports to explain nontidal trends, the members of the Tidal Monitoring and Analysis Workgroup are looking at the tidal trends. It is CBP's goal to have a more integrated approach to explain trends so with collaboration on techniques both groups will be using to explain trends, and by identifying overlap; we can be efficient and consistent with reporting monitoring results/trends.

[Meeting Materials](#) from NTWG/TMAW meeting on March 27<sup>th</sup>, 2013

#### **DUET update and next steps, update on the Sampling Guide (M. Mallonee, M. Ley)**

M. Mallonee provided an [update](#) on the DUET data submittal schedule and introduced the work done by Vistronix in developing a [DUET User Guide](#). He also reviewed consistency checks parameters, and discussed foreseen issues for 2013 data collection as well as a summary of guidelines for the new [QC sampling guide](#).

- **ACTION:** Highlight changes in stations, parameters analyzed lab methods, and detection limits for Vistronix to update DUET for the 2013 sampling year. Send to MM (Monitoring organizations)
- M. Ley will reevaluate cap on duplicate samples taken at primary and secondary sites.
- M. Pulket will discuss possibilities for duplicate samples with USGS office to determine feasibility for PA sampling.
- **ACTION:** Questions and concerns about the WY2013 QC Sampling Guide should be directed at M. Ley

#### **Key results from the Toxic contaminants report presented to the NTWG (S. Phillips)**

S. Phillip will be presenting the Key Results from the Toxic Contaminants report to STAR in February but if members of the NTWG with particular interest can view the [presentation](#), contact S. Phillips, or make a request to have it on the agenda at the April NTWG meeting.