



Criteria Assessment Protocol Workgroup Conference Call

Monday, May 13, 2013

10:00AM – 11:00AM

Meeting Materials

<http://www.chesapeakebay.net/calendar/event/19466>

MEETING MINUTES

OBJECTIVES:

- 1) Provide the CAP WG with an update on actions addressing the Western Branch of the Patuxent River bathymetry data.
- 2) Vote on the BIBI add-on rules.
- 3) Provide an update on the content to be included in the 2014 Technical Addendum.

ACTION ITEMS

- Postpone the workgroup vote on the BIBI add-on rules—review the BIBI add-on rules for the 2014 IR to be voted on by CAP workgroup members at the next meeting. (CAP WG)
- Review the Technical Addendum's chapter 1 and provide feedback to P. Tango. (CAP WG)

LEADERSHIP:

Peter Tango (Chair)	USGS/CBPO	ptango@chesapeakebay.net
Liza Hernandez (Coordinator)	UMCES/CBPO	lhernandez@chesapeakebay.net
Lea Rubin (Staff)	CRC/CBPO	lrubin@chesapeakebay.net

PRESENTERS:

Matt Stover	MDE	mstover@mde.state.md.us
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PARTICIPANTS:

Don Smith	VADEQ	Donald.Smith@deq.virginia.gov
John Backus	MDE	jbackus@mde.state.md.us
Richard Tian	UMCES/CBPO	rtian@chesapeakebay.net
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Western Branch of the Patuxent River (WBRTF) – L. Hernandez (UMCES-CBPO) and M. Stover (MDE)

Background: WBRTF is a Bay segment that MD has been unable to assess for the attainment of dissolved oxygen water quality standards due to a lack of bathymetry data for this segment.

L. Hernandez and M. Stover provided an update on the progress of resolving this issue and next steps.

- Field sampling is required to resolve the lack of bathymetry data, DNR and/or MDE will perform any additional sampling deemed necessary. The timeframe has yet to be determined.
 - Sampling will not occur in time for the 2014 integrated report.

Discussion and Questions

- What is necessary for the additional sampling of WBRTF to be included in the 2014 assessments?
 - L. Hernandez could recalculate the data for the 2014 assessment if the data is available in time; however, M. Stover, B. Michael and L. Hernandez will continue to work towards the 2017 assessment deadline.

Implementation of BIBI Add-on Rules for the 2014 Integrated Report (IR) – P. Tango (USGS-CBPO) and L. Hernandez (UMCES-CBPO)

Last month, M. Stover presented the add-on rules he, T. Robertson and R. Llanso developed for the benthic biological assessments while highlighting those segments that would be affected for the 2012 Integrated Report. Due to low participation at today's meeting **the vote is being postponed till the next CAP meeting.**

Water Quality Standards Attainment: Trends over Time – L. Hernandez (UMCES-CBPO)
[Presentation](#)

L. Hernandez presented preliminary results of analyses she has recently completed to help formulate a FY2018 Target for the Executive Order Water Quality Outcome to meet the water quality standards of dissolved oxygen, clarity/SAV, and chlorophyll a. L. Hernandez calculated a FY2018 interim goal of 45% of segments achieving the Water Quality Standards, using a projection of rolling 3-year periods from 1985-2011 of all applicable segments. The current 60% by FY2025 goal is what is driving the FY2018 goal.

Discussion and Questions:

- This analysis will contribute to the Technical Addendum
- How was the shallow-water assessed?
 - Historical SAV measurements from 1985-2006 used the aerial survey for restored acreage of SAV known by comparing the acreage calculated from the aerial survey compared to the restoration goals set in the jurisdictional Water Quality Standards. Starting in 2006 water clarity assessments began; the best of water

clarity attainment or SAV restored acres was used for those years with available water clarity assessment data.

Assessing Short Duration Dissolved Oxygen Criteria – P. Tango (USGS-CBPO)

P. Tango will provide the group with a complete first draft of Chapter 1 to be included in the 2014 Technical Addendum. This chapter includes background and discussion on the validation of the umbrella criterion concept as it applies to the assessment of the 7-day mean for summer, open-water dissolved oxygen assessment. Furthermore, it reflects recommendations that UCAT and CAP are endorsing, which will be subsequently presented to the WQGIT this summer. We will ask members to review the chapter and provide feedback in time for the June WQGIT and CAP meetings.

Within Chapter 1:

Explanation of the risks the jurisdictions will decide to take depending on the uncertainty statistic depicted in tables and narrative of the chapter. These decisions include: combining high frequency and low frequency data as well as the frequency of routine collection based on the statistical uncertainty factor.

- **ACTION:** Review the Technical Addendum chapter 1 and provide feedback to P. Tango. (CAP WG)

Who will do the BIBI assessments after Jackie Johnson leaves the CBPO?

The future of the BIBI assessments will be discussed in the upcoming months. One option suggested is that the assessment will be carried out by the states independently of the CBP with possibly an automated data management system.

- Is the Versar contract continuing for the BIBI calculations?
 - CBPO is currently addressing budgeting options for the CBP monitoring programs and the funding for those grants is uncertain.