



**Criteria Assessment Protocol Workgroup
Conference Call – RM 305A
Monday, June 10, 2013
10:00AM – 11:00AM**

<http://www.chesapeakebay.net/S=0/calendar/event/19479/>

MEETING MINUTES

OBJECTIVES:

- 1) Seeking CAP workgroup approval of the interim BIBI add-on rules
- 2) Discuss and provide comments related to the Technical Addendum, Chapter 1—
Assessing Dissolved Oxygen Criteria Attainment: A Focus on Short-Duration Criteria
Attainment Assessments
- 3) Invite CAP workgroup members to the Instantaneous Minimum Workshop

ACTION ITEMS:

- Present the interim BIBI add-on rules to the WQGIT for approval (**P. Tango**)
- Please review [chapter 1](#) of the technical addendum and provide feedback prior to the July CAP meeting, at which time we intend to seek final approval from CAP WG members regarding our endorsement of the stated recommendations. (**CAP WG**)
- Suggestions for Invitees to the Instantaneous Minimum Workshop should be directed at Liza Hernandez (lhernandez@chesapeakebay.net) (**CAP WG**)

LEADERSHIP:

Peter Tango (Chair)	USGS/CBPO	ptango@chesapeakebay.net
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PARTICIPANTS:

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

[Attachment: P. Tango – Short Duration DO Criteria](#)

Rules:

"For segments where 'Impaired = No' identify those segments that have a breadth of confidence limits (Upper confidence Limit - Lower confidence Limit ≥ 0.5) of .5 or greater. Of that remaining subset of segments, those that have a Mean BIBI < 2.7 would be classified as Category 3 (insufficient information) until more conclusive information is available."

- The CAP workgroup has approved the use of the add-on rules
- BIBI-segments affected by new add-on rule will change from year to year
 - SASOH, JMSPH, CBBPH will be affected for the 2014 assessment
- **ACTION:** Present the interim BIBI add-on rules to the WQGIT for approval (P. Tango)

2014 USEPA Technical Addendum, Chapter 1 Assessing Dissolved Oxygen Criteria Attainment: A Focus on Short-Duration Criteria Attainment Assessments – P. Tango (USGS-CBPO)

[Attachment: Tech Addendum Chapter 1 \(draft\)](#)

This chapter discusses 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.

ACTION: Please review [chapter 1](#) of the technical addendum and provide feedback prior to the July CAP meeting, at which time we intend to seek final approval from CAP WG members regarding our endorsement of the stated recommendations.

Discussion, Comments and Questions on Chapter 1

- 2003, 2007, and 2010 spectral casting was recommended
 - The monitoring program is technically capable of employing spectral casting as an assessment tool; however, spectral casting is not a suitable substitute based on the uncertainty associated with low-frequency sampling data
- The Umbrella effect depends on the density of measurements and which criteria you choose to protect offers various levels of protection
- Two Choices for assessing monitoring data:
 - 1) Measure segments directly with more temporal sampling
 - 2) Use umbrella criterion
 - a. Would need to define the acceptable level(s) of uncertainty
- There are gaps in umbrella criteria coverage in the deep-water
 - Can Elgin Perry do this work and provide results in a given timeframe?

- Continuous data collection (ConMon Stations)
 - ConMon stations are not used everywhere; most stations collect two samples per month
 - Resources are not available for ideal sampling scenarios.
 - Continuous monitoring is only done in the shallow-water habitat; no continuous data available for deep-water habitat
 - What about NOAA buoy data?

Instantaneous Minimum Workshop – L. Hernandez (UMCES-CBPO)

The Instantaneous Minimum Workshop is scheduled for October 7, 2013, 10AM – 3PM at the USGS office in Baltimore, MD. The objective of this workshop is to 1) establish a definition for the instantaneous minimum, and 2) recommend a method of assessment for the instantaneous minimum.

L. Hernandez requested invitee suggestions.

Instantaneous Minimum Workshop Invitees include:

- TMAW
- CAP workgroup
- UCAT
- CBP modelers
- Kevin Sellner
- Denise Breitburg
- Michael Kemp
- Steve Weisberg
- Individuals with Fisheries expertise

NEXT CAP CONFERENCE CALL

July 8, 2013

10AM-12PM