



Criteria Assessment Protocol Workgroup Conference Call

Monday, April 8, 2013

10:00AM – 11:00AM

Meeting Materials:

<http://www.chesapeakebay.net/calendar/event/19374>

MEETING MINUTES

OBJECTIVES:

- 1) Update the CAP Workgroup on discussions within the Umbrella Criteria Assessment Team (UCAT)
- 2) Begin discussion on the Bay's segmentation addressing the shallow-water areas, issues and next steps
- 3) Present the BIBI add-on rules developed by M. Stover, T. Robertson and R. Llanso to be voted on by the workgroup at the next meeting.

ACTION ITEMS

- Recommendations for projects to aid in updating bathymetry of the Bay segmentation should be proposed to P. Tango or at an upcoming CAP meeting. (CAP WG)
- Present the outcomes of the shallow-water vs. offshore open-water UCAT meeting to the WQGIT at a near term meeting to highlight specific segments and the overarching questions and considerations for boundary adjustments. (P. Tango)
- Ask Tish Robertson to communicate segments that should be addressed for categorical listing needs. (C. Stephens)
- **ACTION:** Review the recommended BIBI add-on rules to be voted on at the next CAP meeting. (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:

Cheryl Atkinson	EPA	Atkinson.Cheryl@epamail.epa.gov
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Welcome, Introduction, Announcements – P. Tango (USGS-CBPO, CAP Chair)

- 04/24: SAV WG plans to focus a good portion of its meeting agenda on the water clarity criteria
 - Have an update for technical addendum coming out of this meeting
- Segment Classification Update: 303(d) listing of impaired or threatened waters, a new category 4D; intended to be applied for DO in tidal waters.
 - Not applicable for MD currently, only for VA. Work done by M. Stover and T. Robertson.
- **ACTION:** Ask Tish Robertson to communicate segments that should be addressed for categorical listing needs. (C. Stephens)

Recap of Umbrella Criteria Assessment Team's (UCAT) April Workshop Meeting: "Dissolved Oxygen Criteria Attainment: Implications and Options for Restructuring the Open-Water Designated Use" – P. Tango (USGS-CBPO)

Peter provided a summary of UCAT's discussion related to the options and implications of separately assessing shallow-water from offshore open-water. Three cases were discussed;

- 1) Is there sufficient information to suggest that they should not be separated,
- 2) Does UCAT recommend that the two uses are separated, and
- 3) Are they separated on a case by case basis?

The intent is not to change the criteria, or the designated use. The intent is would be to sub-segment specific segments, for independent analysis, where warranted.

Further analyses are being done to validate recommendations made by UCAT. The recommendations will be presented to the CAP workgroup upon completion.

Summary of discussion

- *Notes from Shallow Water Workshop (UCAT):* UCAT members believed that shallow-water areas were not being represented properly within the Bay segmentation. An agreement made between jurisdictions, listed the boundaries by the jurisdiction. UCAT proposed the action of asking jurisdictions to bring additional information into shallow-

water segmentations into the monitored Bay. This may also include updates to the segmentation and how to address the shallow-water areas within the segments.

- **ACTION:** Present the outcomes of the shallow-water vs. offshore open-water UCAT meeting to the WQGIT at a near term meeting to highlight specific segments and the overarching questions and considerations for boundary adjustments. (P. Tango)

The Consensus for Assessing the OW, summer, 7-day mean DO Criteria – L.

Hernandez (UMCES-CBPO) and P. Tango (USGS-CBPO)

Liza provided a summary of the recommendations CAP will be endorsing for assessing the 7-day mean DO criteria. Final recommendations indicate that an umbrella threshold of 6.2 mg/L would be protective of the 7-day mean criterion; in levels below the 6.2 mg/L threshold, the probability of violations would increase.

For management implications, when attaining the 30-day mean, the likely protectiveness over the 7-day mean depends on sampling intensity, and dissolved oxygen concentration levels. E. Perry's analyses suggest the varied levels of protectiveness (uncertainty) per umbrella threshold. Conclusions will be presented to the CAP workgroup in the summer months.

Western Branch of the Patuxent River (WBRTF) – L. Hernandez (UMCES-CBPO) and M. Stover (MDE)

L. Hernandez provided an update on the WBRTF; 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.

Summary of discussion

- **ACTION:** Recommendations for projects to aid in updating bathymetry of the Bay segmentation should be proposed to P. Tango or at an upcoming CAP meeting. (CAP WG)

BIBI Update – M. Stover (MDE)

[Rule presentation](#) and [Background on Issue](#)

Matt presented the add-on rules he, Tish Robertson and Roberto Llanso developed for the benthic biological assessments and highlighted those segments that were affected for the 2012 Integrated Report. This rule will be reviewed and revised to use in the 2014 Integrated Report as a temporary solution until the recalibration of the BIBI may be conducted. Leadership states their push for the BIBI recalibration within the next year.

- **ACTION:** Review the recommended BIBI add-on rules to be voted on at the next CAP meeting. (CAP WG)

CAP 6-Month Schedule – P. Tango (USGS-CBPO)

Peter reviewed the progression of meetings, decisions and recommendations being delivered to the CAP WG:

- **Summer:** Open Water assessments update from UCAT
- **Summer:** Vote on BIBI add-on rule
- **Summer:** update from discussion with the WQGIT on bathymetry questions
- **Summer:** 1-Day Mean DO Criteria Workshop update from UCAT
- **September:** Shallow Water recommendations update from UCAT
- **Fall:** Instantaneous Minimum UCAT Workshop

Upcoming CAP conference calls:

- May, 13
- June, 10
- July, 08
- August, 12
- September, 9