



Chesapeake Bay Instantaneous Minimum Dissolved Oxygen Criteria: Considerations for Alternate Definitions

**Tidal Monitoring and Analysis & Criteria Assessment Protocol Workgroups
Monday, December 2, 2013**

Meeting Webpage:

<http://www.chesapeakebay.net/calendar/event/20893>

Conclusions from the Workshop

Alternative definitions or Evaluation for DO Instantaneous Minimum:

- Continuous Monitoring should be considered.
 - Can continuous monitoring buoys be rotated through segments for targeted assessments?
- Evaluate possible solutions with current Shallow Water Monitoring Program, or a future vision for the program.
- Develop a category 3 for assessments to label segments that don't have enough information to determine if they are in or out of attainment.

Summary of Alternate Definitions to the IM criterion and Subsequent Protocol for Assessment

- Determine if stations are truly representative of the segment being evaluated. Sometimes the segment has just one station and therefore is not truly representative.
- There is a possible hybrid approach which would include fixed sites offshore paired with continuous monitoring sites inshore.
- **ACTION:** Tish will perform a comparison study for her proposed method and the CFD method with multiple segments and present at a future meeting.