

LIZA HERNANDEZ, TIDAL MONITORING ANALYST  
UNIVERSITY OF MARYLAND CENTER FOR ENVIRONMENTAL SCIENCE  
USEPA CHESAPEAKE BAY PROGRAM OFFICE

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## **WATER QUALITY INDICATOR RECOMMENDED NEXT STEPS**

- Evaluation of setting a range vs. a single numerical target
  - Is the Partnership supportive of establishing an acceptable level of uncertainty/standard deviation around such a target?
  - If so, how do we go about setting such a range?
- Further analysis of the underlying 25-year history of indicator assessment data
  - Which designated-use segments are approaching attainment over time and could be expected to come into attainment by 2017? By 2025?
  - Which designated-use segments are clearly going to be out of attainment come 2025?
- Further analysis of existing Chesapeake Bay WQSTM scenario results
  - Based on current nutrient loading to the Bay and progressing towards the achievement of the Bay TMDL loads, which designated-use segments are projected to come into attainment at what nitrogen/phosphorus loads?
- Taking an initial cut at answering the following question: “to have practices in place by 2017 that are expected to achieve 60% of the load reductions necessary to achieve applicable water quality standards compared to 2009 levels, and to have all controls installed by 2025 achieve the Bay’s DO, water clarity/SAV, and chlorophyll a criteria, what actual reductions are we likely to see delivered to the Bay accounting for time lags witnessed in the past quarter century of monitoring data?”
  - Evaluate history of progress run results through time along with the jurisdictions’ 2017 targets and 2025 TMDL allocations
  - Work to match up with forthcoming USGS WRTDS trend analysis results
- Further development of incremental progress indicators
  - Graphical presentation options working with Communications Workgroup and the Tidal Monitoring and Analysis Workgroup

### **WQGIT REQUESTED ACTIONS AND DECISIONS:**

Feedback on recommended series of next steps

Agreement that as CBPO and TMAW analysts make progress on the aforementioned next steps, we will bring results forward to the WQGIT through a series of briefings addressing interim findings, implications for the partners, request for further feedback, and confirmation on the forthcoming round of next steps.