

## For Discussion on 1/14 WQGIT Conference Call – Water Quality Goal: 2017 Outcome

### Documentation on Chesapeake Bay TMDL 2017 60% Goal

#### **Chesapeake Bay Program Goals and Outcomes (Proposed, 010213) (Page 1)**

[http://www.chesapeakebay.net/channel\\_files/18750/attachment\\_ii\\_-\\_cbp\\_goals\\_outcomes\\_1-2-13.pdf](http://www.chesapeakebay.net/channel_files/18750/attachment_ii_-_cbp_goals_outcomes_1-2-13.pdf)

**Water Quality Goal:** Restore water quality to achieve standards for DO, clarity/SAV, and chlorophyll-a in the Bay and its tidal waters as articulated in the Chesapeake Bay Total Maximum Daily Load (TMDL).

- **2025 Watershed Implementation Plans (WIP) Outcome:** Have all controls installed by 2025 to achieve the Bay's DO, water clarity/SAV, and chlorophyll a criteria.
- **2017 WIP Outcome:** Have practices in place by 2017 that will achieve 60 percent of the reductions necessary to achieve applicable water quality standards compared to 2009 levels.

#### **2010 Chesapeake Bay TMDL, Executive Summary (Page ES-1)**

[http://www.epa.gov/reg3wapd/pdf/pdf\\_chesbay/FinalBayTMDL/BayTMDLExecutiveSummaryFINAL122910\\_final.pdf](http://www.epa.gov/reg3wapd/pdf/pdf_chesbay/FinalBayTMDL/BayTMDLExecutiveSummaryFINAL122910_final.pdf)

The TMDL is designed to ensure that all pollution control measures needed to fully restore the Bay and its tidal rivers are in place by 2025, with at least 60 percent of the actions completed by 2017.

#### **2010 Chesapeake Bay TMDL, Section 7.1.1 Overview of the Accountability Framework (Page 7-2)**

[http://www.epa.gov/reg3wapd/pdf/pdf\\_chesbay/FinalBayTMDL/CBayFinalTMDLSection7\\_final.pdf](http://www.epa.gov/reg3wapd/pdf/pdf_chesbay/FinalBayTMDL/CBayFinalTMDLSection7_final.pdf)

For the Chesapeake Bay TMDL, reasonable assurance that nonpoint source load reductions will be achieved is based, in large part, on the new accountability framework EPA is developing for this TMDL, including the Bay jurisdictions' watershed implementation plans (WIPs). This framework incorporates an adaptive management approach that documents implementation actions, assesses progress, and determines the need for alternative management measures based on the feedback of the accountability framework. As discussed below and in the *Strategy for Protecting and Restoring the Chesapeake Bay Watershed* (FLCCB 2010), the goal for installing all controls necessary to achieve the Bay's DO, water clarity, SAV, and chlorophyll *a* criteria is 2025. EPA therefore is making its evaluation of reasonable assurance according to that time horizon. EPA has provided an interim goal that 60 percent of the reductions to achieve applicable WQS occur by no later than 2017. This interim goal ensures that the large portions of necessary reductions, or the more difficult restoration actions, are not left until the later years of the restoration schedule.