

Agriculture Workgroup (AgWG)

April 19th, 2018

10:00 AM – 12:00 PM

AgWG Conference Call

Conference line: (202) 991-0477 Code: 2832221

Adobe Connect: <https://epawebconferencing.acms.com/agwg/>

Meeting materials: http://www.chesapeakebay.net/groups/group/agriculture_workgroup

10:00 **Welcome, introductions, roll-call, review meeting minutes** Workgroup Chairs

- Roll-call of the governance body
- Roll-call of the meeting participants
- Approval of meeting minutes from the March 15th Conference Call

10:05 **Interim BMPs Approval** Loretta Collins

Following a request from jurisdictional members at the February Face-to-Face Meeting, an interim definition and effectiveness value for denitrifying bioreactors in tile-drained agricultural ditches was presented to the Workgroup on the March 15th call. This interim BMP would be available for planning purposes in Phase III WIP development until final recommendations from the Expert Panel on agricultural ditch management practice are reviewed and approved by the partnership. Other interim BMPs related to agricultural ditch management will be presented for review and possible approval on the May AgWG call.

Decision: The AgWG will be asked to approve the CBPO recommended interim BMP definition and effectiveness value for denitrifying bioreactors in tile-drained agricultural ditches for future planning purposes only.

10:25 **Resources and Technical Support Summary** Lucinda Power

Lucinda Power, EPA, will discuss the funding resources and technical support available to advance the objectives of the Agriculture Workgroup. This will include a discussion of staffing at the Chesapeake Bay Program office and contractual technical support that is available. Additionally, available sources of funding, and the process through which the funding is allocated, will be discussed.

10:45 **Manure Generation Data in the Phase 6.0 Model** Curt Dell

Curt Dell, ARS, will discuss how new population and nutrient analysis data can and cannot be integrated with the NASS data currently in-use in the Phase 6.0 watershed model.

11:05 **Collection of Alternative Data** Mark Dubin

Mark Dubin, UMD, will discuss the mechanics of collecting new agricultural data and how it can be beneficial to the goals of the Workgroup and the agriculture sector at-large.

11:30 **Data Input Deadlines** Loretta Collins

Loretta Collins will provide updated and partnership-approved deadlines for model data inputs for future years of milestone planning and progress updates.

11:35 Understanding BMP- Load Trend Connection

Jeni Keisman

Jeni Keisman, USGS, will discuss the on-going effort to understand the changes in riverine and estuarine water quality over time using quantitative information on changing nutrient sources in contributing watersheds. Temporal and spatial patterns in nitrogen (N) and phosphorus (P) inputs from manure and fertilizer were evaluated for the period 1950 to 2012 to better understand trends in water quality in the Chesapeake Bay watershed and estuary. The expected effect of agricultural best management practices (BMPs) on agricultural nutrient inputs was also explored for the 1985 to 2012 time period. This information supports ongoing efforts to explain observed changes in N and P loads to rivers throughout the watershed, as well as spatial and temporal variability in water-quality indicators and water-quality standards attainment in Chesapeake Bay itself.

11:55 Review of Action and Decision Items

Loretta Collins

Loretta will review the action and decision items from the meeting.

12:00 Adjourn

Next meeting: Thursday, May 17th, 2018: Conference Call