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**CHESAPEAKE BAY PROGRAM
WATER QUALITY GOAL IMPLEMENTATION TEAM MEETING:
“Using monitoring results to inform water quality decisions”
OCTOBER 12, 2021 CONFERENCE CALL**

WebEx Meeting Information:

Meeting Link:

<https://umces.webex.com/umces/j.php?MTID=m6086de9b5566863df7584ed18b742279>

Meeting number: 2621 870 3611

Password: KuyZKBgm657

OR

Phone: +1-408-418-9388 United States Toll

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Meeting Materials: [Link](#)

1:00 Welcome/Opening to frame the discussion – Lee McDonnell (US EPA) and Scott Phillips (USGS)

Lee and Scott will introduce questions framing today’s discussion with a focus on how monitoring data can be used, what analyses are available to assist with decision making, and how available monitoring information can be tied together with modeling tools to target implementation practices.

- Review management strategy adopted by the WQ GIT for applying modeling and monitoring in water-quality decision making.
- Identify opportunities for more integrated decision making with modeling tools and monitoring results.
- Summarize current efforts to share water-quality results with stakeholder groups, including EPA jurisdictional meetings, USGS interactions, and EPA-NRCS-USGS local workshop.

1:15 Synthesis of Watershed trends and results - James Webber (USGS)

James Webber will present findings from a synthesis product, with an emphasis on topics requested by the WQGIT:

- Strengthening decision making using modeling and monitoring.
- Factors affecting water quality, including climate.
- Placement/targeting of practices.
- **Discuss:** how can these results be better applied in water-quality decision making?

2:00 Progress toward attainment of Chesapeake Bay water-quality standards – Peter Tango (USGS) and Qian Zhang (UMCES)

Peter Tango and Qian Zhang will:

- Present the water quality standards attainment indicator and attainment deficit results through 2019.
- Get feedback on where stakeholders want to work with the monitoring team to further apply and interpret monitoring results.

2:20 Case Studies: Using Results from the Tributary summaries - Rebecca Murphy (UMCES)

Rebecca Murphy will:

- Present the Potomac tributary summary and story map, as an example linking estuary response to watershed loading.
- Describe how the content in all the tributary summaries gives stakeholders a starting point in examining responses in the tidal waters, using a case study.
- Get feedback on where stakeholders want to work with the monitoring team to further apply and interpret monitoring results.

2:45 Approaches to enhance stakeholder engagement– Facilitated by Lee McDonnell (EPA), and Scott Phillips (USGS)

- Lessons learned from current efforts to engage with states, DC, and other stakeholders:
 - Jimmy Webber and USGS colleagues will summarize efforts to share watershed findings with jurisdictions.
 - Scott Phillips will discuss EPA-NRCS-USGS effort on agricultural program funding and monitoring.
- **Discuss:** Feedback on ways to improve communication of monitoring results for decision making.

2:55 Wrap-up and Next Steps – Lee McDonnell (EPA) and Scott Phillips (USGS)

Lee and Scott will wrap up the meeting including how monitoring will be discussed at the Oct 25-26 WQGIT meeting on model enhancements.

3:00 Adjourn