

Agricultural Modeling Team (AMT) Meeting

July 11th

09:00 AM – 11:00 AM

[Meeting Materials](#)

Microsoft Teams: [Join the meeting now](#)

Meeting ID: 246 929 423 243

Passcode: z872qn

Dial-in by phone: [+1 202-991-0477,,913721509#](#) United States, Washington DC

This meeting will be recorded for internal use to assure the accuracy of meeting notes.

Statement of purpose:

To evaluate potential improvements to inorganic fertilizer scale, Land Use Loading Rate Ratios, and reductions to BMP excess for Phase 7.

Decision items:

1. Approve the [June Minutes](#)

Announcements:

- [Timeline Extension](#) request in progress (Feb 2026 on broilers, layers, and fertilizer)

Introduction/Recap: 09:00-09:15 [15 min (Zach Easton, Virginia Tech)]

Zach will go over the agenda seek approval of the minutes.

Inorganic Fertilizer Scale 09:15-10:00 [45 min (20 min presentation 25 min discussion) (Tom Butler, EPA, Joseph Delesantro, ORISE)]

We will show several possible ways to implement inorganic fertilizer data at the state level rather than its current watershed wide scale. This will prompt a decisional request from the group on whether we should move to state scale stocks and if so, what is the best methodology to do so. **DECISIONAL.**

Land Use Loading Rate Ratios 10:00-10:30 [30 min (10 min presentation 20 min discussion) (Tom Butler, EPA; Hunter Landis, VA DEQ)]

A subgroup tasked was tasked with determining how the new classes of managed Pasture and Hay load N relative to their unmanaged classes. The results of this groups work will be shared, and feedback requested on the groups direction. **DECISIONAL**

BMP Excess 10:30-10:55 [25 min (10 min presentation 15 min discussion) (Tom Butler, EPA)]

We will further discuss details regarding why we see more animal BMPs submitted then can be credited in CAST. This will set the stage for any decisions required of the relevant data processing as well as recommendations to send to relevant groups. **PRE-DECISIONAL** (information relevant to a decision that will take place in the near future).

Recap/Closing 10:55-11:00 [5 min (Zach Easton, VT)]

Action Items:

- Discuss:
 - Land Use Loading Rate Ratios for managed hay and pasture.
 - Animal BMP excess for Phase 7.

Adjourn – 11:00**Up Next:**

Office Hours: Friday, August 8th, 2024, from 8:00 - 9:00 am.

AMT Meeting: Friday, August 8th, 2024, from 09:00 - 11:00 am.

****Common Acronyms**

AgWG- [Agriculture Workgroup](#)

AMT- [Agricultural Modeling Team](#) (Phase 7)

BMP- Best Management Practice

CAST- [Chesapeake Assessment Scenario Tool](#) (user interface for the CBP Watershed Model)

CBP- [Chesapeake Bay Program](#)

CBPO- Chesapeake Bay Program Office (houses EPA, federal partners, and various contractors and grantees working towards CBP goals)

CBW- Chesapeake Bay Watershed

CRC- [Chesapeake Research Consortium](#)

EPA- [United States] Environmental Protection Agency

PSC – [Principals' Advisory Committee](#) (CBP)

STAC- [Scientific & Technical Advisory Committee](#)

TMDL- Total Maximum Daily Load

WQGIT- [Water Quality Goal Implementation Team](#)