

Agricultural Modeling Team (AMT) Meeting

August 9th

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 manure applications and data sources for Phase 7.

Decision items:

1. Approve the [July minutes](#)

Announcements:

- NRCS Success story: [Can Agriculture Improve Water Quality? With Data-Driven Voluntary Conservation, the Answer is Yes.](#)
 - Upcoming webinar [2:00 p.m. eastern on August 22](#) legacy phosphorus

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

Zach will provide a quick recap of the AMT progress to date as well as the groups timeline.

Manure applications in CAST 09:15-09:45 [30 min (10 min presentation 20 min discussion) (Tom Butler, EPA)]

Tom will show how a potential improvement to the realism in applying manure to multiple Land Uses in CAST. This will entail a deeper dive into a focused application to the land uses of grains and silage with manure. **Informational.**

Industry Data: Poultry 09:45-10:45 [60 min (30 min presentation 30 min discussion) (Mark Dubin, UMD and Paul Bredwell, USP&EA)]

Mark and Paul will provide an overview of how livestock industry production data has been integrated in the existing Phase 6 modeling tools, and the opportunities to improve the data sources to be used in Phase 7. The discussion will focus on the potential to collect relevant production information directly from the poultry industry to update, replace, and/or supplement existing model data sources. **Informational.**

Recap/Closing 10:45-11:00 [15 min (Zach Easton, VT)]

Action Items:

- Discuss: Manure application, and industry data for Phase 7.

Adjourn – 11:00

Up Next:

Office Hours: Friday, September 13th, 2024, from 8:00 - 9:00 am.

AMT Meeting: Friday, September 13th, 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](#)