

Agricultural Modeling Team (AMT) Meeting

June 14th

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 discuss development of new ways to evaluate the crop yield and a potential alternative for the current manure acres calculation for Phase 7.

Decision items:

1. Approve the [May minutes](#)

Announcements:

- Welcome our new staffer, Caroline Kleis!

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

Zach will ask for approval of the minutes and kickoff the meeting.

Crop Yield trends 09:15- 10:15 [60 min (20 min presentation 40 min discussion) (Joseph Delesantro, ORISE)]

We will hear about Joseph's work on improving yields in the largest crops across the Chesapeake Bay Watershed. This will entail a review and discussion of the progress being made to improve long term crop yields. **Discussion.**

Manure Acres calculation 10:15-10:55 [60 min (20 min presentation 40 min discussion) (Tom Butler, EPA)]

To follow up with the concerns voiced about the land uses of grain with and without manure we will examine a potential improvement of acres for each land use. Tom will present the results of a CAST run with this method of calculating the acres of grain with and without manure. **Discussion.**

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

Action Items:

- Discuss: crop yields update, and improvements to the manure acres calculation for grains.

Adjourn – 11:00

Up Next:

Office Hours: Friday, July 12th, 2024, from 8:00 - 9:00 am.

AMT Meeting: Friday, July 12th, 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](#)