



Bay Oxygen Research Group Meeting

Monday, July 1, 2026
10:00 AM – 11:30 AM

[Join the meeting via Microsoft Teams](#)

Meeting ID: 288 924 990 732 77 | **Passcode:** 7395nS9h
Call: +1 469-208-1525 | **Conference ID:** 341 062 78#

[Visit the meeting webpage for meeting materials and additional information.](#)

This meeting may be recorded for internal use only to assure the accuracy of meeting notes. To turn on closed captioning, click on the three ellipses (More actions), then click on “Turn on live captions” (preview). To request accommodations, please contact Allison Welch at awelch@chesapeakebay.net.

Please read the following information carefully, as our meeting policies have changed:

- All meeting attendees' cameras and microphones will be muted at the start of the meeting.
- To request access to the microphone and camera, all meeting participants will be required to use the raised hand feature on Teams. Once access has been granted by the meeting organizer, you will then be allowed to unmute your mic and turn on your camera. Unless instructed otherwise, once a participant has microphone or camera access, they will have this permission for the remainder of the meeting.
- Access to chat will be provided as well. Should it be necessary, the Q&A feature on Teams will be utilized to field participant questions.

Compromised Meeting Plan: If the meeting's privacy is compromised, the meeting staffer and coordinator will send an email to all Members, alternates, staffers, coordinators, and interested parties. Within the email, you will find a new meeting link, instructions on sharing this information with external partners, and any necessary adjustments to the meeting schedule. Please do NOT share this information publicly or post it to the Chesapeakebay.net webpage.

Purpose: This is the monthly meeting for the Bay Oxygen Research Group (BORG). This meeting will focus on addressing questions about the 4-D interpolator, provide an overview on the tool, and zoom in on one component of the tool that the 4-D Development Team has been working on the past few months.

Agenda

I. Welcome, Introductions & Announcements (10:00 AM – 10:10 AM)

Lead: Breck Sullivan (U.S. Geological Survey, USGS)

Upcoming Conferences, Meetings, Workshops and Webinars

- [Restore America's Estuaries' 2026 Coastal & Estuarine Summit](#) – September 22-25, 2026.
San Francisco, California.

- [Chesapeake Watershed Forum](#) – November 13-15, 2026. Shepherdstown, West Virginia.
Submit to registration lottery by August 21st. More information [here](#).

II. Documentation Questions & Review

Description: Draft documentation on some sections was sent to MDE and VADEQ on June 18th. Based on those draft materials, the 4-D Development Team will address any questions on the content. If participants know of any questions prior to the meeting, please send them to Breck Sullivan (bsullivan@usgs.gov).

Requested Action: Informational, none.

Lead: **Breck Sullivan** (USGS)

Materials: Presentation can be found on the [meeting webpage](#).

III. Overview of Current Work

Description: Rebecca will present an overview of the structure of the 4-D interpolator, noting the current status of each component in the tool. This presentation serves as an introduction to the next one where Jon will go into more detail on parameterization for one part of the interpolation.

Requested Action: Informational, none.

Lead: **Rebecca Murphy** (University of Maryland Center for Environmental Science, UMCES)

Materials: Presentation can be found on the [meeting webpage](#).

IV. Day-to-day Correlation

Description: The 4-D interpolator has four primary components. One component, large-scale correlation, includes spatial and day-to-day correlation. This presentation will describe the analysis used to estimate day-to-day correlation and summarize how those estimates are incorporated into the 4-D interpolator.

Requested Action: Informational, none.

Lead: **Jon Harcum** (TetraTech)

Materials: Presentation can be found on the [meeting webpage](#).

V. Adjourn

(11:30 AM)

Next Meeting: July 20, 2026, 12:00pm-1:30pm