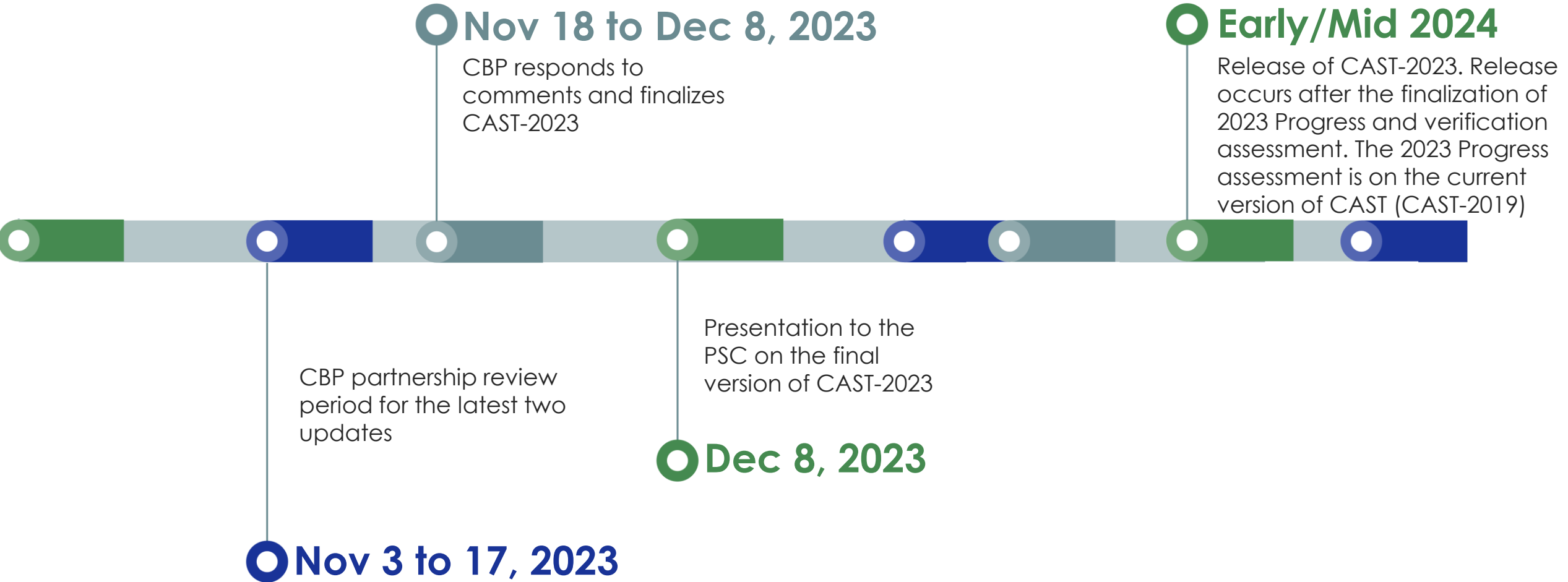


Addressing the PSC Decisions Related to CAST from 8/22/22

PSC Requested Decisions:

- **PSC Decision 1:** *Over the next year, as a partnership, we will figure out how the unaccounted additional loads are addressed post-2025, and on what timeframe, as we work to 'recalibrate' the goal line.*
 - Approve the method for defining unaccounted additional loads for presentation to the PSC.
 - Unaccounted additional loads will be added to the existing Phase III WIP Planning Targets to create Interim Planning Targets.
 - Unaccounted additional loads shall be addressed in Phase 7 along with 2035 Climate Change loads
 - Consensus: MB & PSC
- **PSC Decision 2:** *Convene a committee to develop short-term, interim resolutions to fertilizer data concerns before moving forward with CAST-23 as well as long-term resolutions for Phase 7 model.*
 - Approve the methods developed by the USWG nutrient task force, Agricultural Fertilizer Expert Group for incorporation into CAST-23 to be presented to the PSC for approval.
 - Consensus: USWG, Ag Workgroup (AgWG), WQGIT, MB, & PSC
- **PSC Decision 3:** *Refine the process to include additional safeguards to prevent data analysis variations and to assess reasonability of modeling results after Chesapeake Bay Program protocols are applied.*
 - Approve methods developed by the WTWG for addressing illogical model results to be presented to the PSC for approval.
 - Consensus: WTWG, WQGIT, MB, & PSC
- **CAST Schedule:** *CAST-23 will be the last model update for Phase 6, Change from current schedule*
 - Approve the recommendation that CAST-23 be the last update to the Phase 6 suite of models.
 - Consensus: WQGIT, MB, & PSC
- **Cavet on Eligibility and Timing:** *Several jurisdictions request changing all crop nutrient applications to be both manure and fertilizer eligible if the crop/land use allows it.*
 - This is the last change for CAST-23.
 - Consensus: AgWG & WQGIT

CAST-2023 Release Schedule





PSC Decisions

- MD DNR
 - Dave Goshorn
 - Matt Fleming

Unaccounted Additional Loads

- Implementation & Evaluation Team
 - Jess Rigelman
 - Olivia Devereux
 - Helen Golimowski
- Modeling Team
 - Gary Shenk
 - Isabella Bertani



Fertilizer Data (FEG, AgWG, & USWG)

- PA DEP
 - Jill Whitcomb
- VA DCR
 - James Martin
- UMD
 - Ken Staver
- USDA -NASS
 - Tony Dorn
- International Plant Nutrition Institute
 - Tom Bruulsema
- The Fertilizer Institute
 - Leanna Leverich-Nigon
- The Mill Fertilizer Company
 - Tim and Ben Hushon
- NYS Dept of Ag and Markets
 - Greg Albrecht
- NYS DEC
 - Cassie Davis



Fertilizer Data (FEG, AgWG, & USWG)

Data Providers

- PA
 - Frank Schneider
 - David Dressler
- DE
 - Clint Gill
 - Justin Lontz
- VA
 - Mike Rolband
 - Evan Branosky
 - Seth Mullins
 - David Gianino
 - Thurman Pendleton
- MD
 - Alisha Mulkey
 - Phil Davidson



Fertilizer Data
(FEG, AgWG, &
USWG)
Agricultural

- AAPFCO
 - Joe Slater
 - David Dressler
 - Phil Davidson
- MDA
 - Alisha Mulkey
 - Elizabeth Hoffman
- Implementation & Evaluation Team
 - Tom Butler
 - Ruth Cassilly
 - Jeff Sweeney
 - Jess Rigelman
 - Olivia Devereux
 - Mark Dubin
 - Helen Golimowski



Fertilizer Data
(FEG, AgWG, &
USWG)
Urban

- USWG
 - Normand Goulet
 - KC Filippino
 - David Wood
- VA DEQ
 - Mike Rolband
 - Evan Branosky
 - Bryant Thomas
 - Alan Brokenbrough
- VA Tech
 - Clayton Hodges
- WV DEP
 - Dave Montali
- Implementation & Evaluation Team
 - Jeff Sweeney
 - Jess Rigelman
 - Olivia Devereux
 - Kaylyn Gootman



CAST Review Process (WTWG)

- NY DEC
 - Cassie Davis
- Implementation & Evaluation Team
 - Ruth Cassilly
 - Jess Rigelman
 - Olivia Devereux
 - Auston Smith

CAST Schedule

- WTWG
- Implementation & Evaluation Team
 - Olivia Devereux
 - Helen Golimowski
 - Auston Smith
 - Ruth Cassilly



Nutrient Application Eligibility & Timing (AMT)

- DDA
 - Chris Brosch
 - Clint Gill
- Implementation & Evaluation Team
 - Tom Butler
 - Jess Rigelman
 - Mark Dubin
- Modeling Team
 - Isabella Bertani
 - Gary Shenk



Other

- CBP Staffers
 - Jackie Pickford
 - Sushanth Gupta
 - Hillary Swartwood
- Land Use Data Team
 - Peter Claggett
 - Sarah McDonald
 - Labeeb Ahmed
- WQGIT
 - Jeremy Hanson
 - Suzanne Trevena
 - Ed Dunne
- IT Development
 - Megan Thyng
 - Brian Burch
 - Tim Paris
 - Raj Bojja
 - Andre Stratton
 - Veronica Hines
 - John Massey
 - Ripal Shah
 - Mrudula Chamarthy
 - Yonas Amdie
- Implementation & Evaluation
 - Vanessa Van Note
 - Loretta Collins
 - Sucharith Ravi