

Summary of Decisions Requested at the 9/5 MB Meeting:

- **PSC Decision 2:** *Convene a committee to develop short-term, interim resolutions to fertilizer data concerns (Check in at next PSC meeting) 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.**
 - Urban
 - Use AAPFCO data for the entire period of record.
 - County-scale smoothing method.
 - Incorporate data from states/jurisdictions, if possible.
 - Agricultural Fertilizer
 - Incorporate the most up to date information possible.
 - Do not alter existing data.
 - Utilize directly reported state data.
 - Updates should occur as often as new data coincides with CAST model updates.
 - **Consensus reached at the USWG, Ag Workgroup, & WQGIT**
- **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.**
 - Pre-Data Processing: Safeguards and protocols to prevent and protect against data input errors.
 - Post Data Processing: A process/protocols to assess reasonability of results ("after protocols are applied" means "when we see results").
 - **Consensus reached at the WTWG & WQGIT**
- **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.

- Unaccounted Additional Loads (UALs) are calculated as the positive difference between the latest version of the WIPs run on CAST-2023 and CAST-2017, after within-jurisdiction exchanges are performed.
- If negative values are found, N to P exchanges within jurisdiction-basins are performed first.
- If negative values still exist, basin to basin exchanges are performed within jurisdictions by reducing the positive UALs proportionally. If all values are negative after exchanges, the UALs are set to zero.
- **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 reached at the WQGIT.**

PSC Decisional Directives

