CAST Update Tracker

This update tracker records updates to the next version of CAST, scheduled for release in Spring of 2024. Included are concerns that have been raised by jurisdictions with CAST-21 that are to be resolved for the next version of CAST. The tracker is a living document and will be updated regularly as progress is made on the issues or new issues are identified.

Changes for the next version of CAST do not change the Phase III WIP (Watershed Implementation Plan) loads and 2025 Planning Targets. This list is not inclusive of changes under evaluation for Phase 7 model development that will affect the entire modeling period of 1985 forward. Changes for Phase 7 will modify the planning targets. [Phase 7 model development](https://www.chesapeakebay.net/what/programs/modeling/phase_7_model_development)  is tracked separately.

| **Action** | **Update Item** | **Lead Workgroup** | **Current Status** |
| --- | --- | --- | --- |
| Updated land use for 2013 forward |   | Land Use Workgroup |   |
| New and updated best management practices (BMPs) available for tracking and planning |   | Watershed Technical Workgroup, following partnership adoption of panel reports |  Ongoing panels or panel reports under review: Animal Mortality practicesOyster BMPs (panel #2 including reef restoration, licensed harvest) |
| Animal population data from other sources such as private industry, as agreed to by the Partnership | Hillandale and like facilities | Agriculture Workgroup | Agriculture Workgroup was asked to endorse but did not come to consensus for a methodology to incorporate all facilities where NASS data is suspected to be incomplete |
| Urban and agricultural fertilizer data source and processing methods for inclusion in CAST source data for 2013 forward | Fertilizer data and/or processing methods | Agriculture Workgroup |   |
| Incorporate available data on ecosystem services and co-benefits in a visual user interface | CAST website | Watershed Technical Workgroup |   |
| Data that jurisdictions may update | BMP history | Watershed Technical Workgroup |   |
| Sewer service areas and septic systems for 2014 forward | Wastewater Technical Workgroup |   |
| Biosolids and agriculture spray irrigation for 2014 forward | Wastewater Technical Workgroup |   |
| Wastewater data including significant facilities, nonsignificant facilities, large monitored septic systems, and rapid infiltration basins for 2014 forward | Wastewater Technical Workgroup |   |
| Harvested forest data for 2014 forward | Watershed Technical Workgroup |   |
| Construction acres for 2014 forward | Watershed Technical Workgroup |   |
| Feeding space split between permitted and nonpermitted area for 2014 forward | Watershed Technical Workgroup |   |