



Phase 7 NEIEN Appendix

January 8th, 2026
Watershed Technical Workgroup

Jessica Rigelman
J7 Consulting LLC, Chesapeake Bay Program Office



Introduction

- The appendix presented today represents an *initial* draft of the Phase 7 NEIEN appendix.
- Final discussions and decisions are still taking place related to the BMP to load source group mappings.
- This will be used to inform the land uses available and the default CAST land use.

Appendix Highlights

Added BMPs

- Agroforestry BMPs are now release status
- Four new urban nutrient management BMPs (some of the former UNM BMPs were re-mapped to new ones)

Retired BMPs

- Poultry phytase removed from the appendix
- Water control structures now retired
- Forest Stand Improvement retired due to new Expert Panel Report

Updated BMPs

- Forest harvesting practices now have a 3-year credit duration
- Lagoon covers were remapped to the correct animal group
- Barnyard Runoff Controls and Loafing Lot Management transformation factor was corrected



Appendix Highlights Continued

- New Field: *Can Extend Credit Duration*
 - Needed for forest harvesting practices (3-year credit duration but cannot extend with a maintenance or inspection date)
- Agencies
 - USACE is now CAST agency and no longer maps to DoD.
 - MD State and MD SHA are no longer CAST agencies and map to NonFed.
 - More can be added as needed to NEIEN and mapped to the appropriate CAST agency.



Appendix Highlights Continued

- Land Uses
 - Land uses that have never been used were removed.
 - Some were remapped due to change in land use class.
 - More will likely be added once the BMP to load source groups mappings are finalized.



Next Steps

- Please provide comments before the next WTWG meeting to
 - jrigelman@j7llc.com, smith.auston@epa.gov,
kleis.caroline@epa.gov
- Feedback will be presented and discussed at the February 5th meeting.
- Final votes on the Phase 7 NEIEN Appendix will be made at the March WTWG meeting.



Discussion

- Question for the WTWG:
 - Wetland restoration is mapped to restore and create depending on measurement name. Is this intended?
- Any initial feedback or questions?