



Chesapeake Bay Program
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Phase 7 Load Sources: Preliminary Mapping to BMPs and Load Source Groups

Urban Stormwater and Agriculture Workgroups
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Introduction

- Matrices presented today represent an **draft** of how the Phase 7 load sources will be mapped to BMPs and Load Source Groups in the BMP portion of the next model.
- Relationships in these matrices remain the same as Phase 6 but incorporate new Phase 7 land uses.
- Assigning of BMPs to the appropriate land use is the first priority. Load source groups can be adjusted based on the BMPs assigned.

Agriculture Sector Mapping Updates

- **Addition of two new BMPs for Phase 7:** Alley cropping and Silvopasture
- **Addition of two new land uses for Phase 7:** Hay High and Pasture High
 - BMPs assigned to hay or pasture in Phase 6 were assigned to both hay and pasture versions in Phase 7.
- **Cover Crops**
 - No changes to these BMPs were made for this draft.
 - Cover crops are mapped on their own sheet in the matrices.
- Agricultural BMPs were not mapped to solar land uses for this draft. However, this will be a topic of discussion at the **December 18 AgWG meeting**.

Developed Sector Mapping Updates

- **Addition of three new Urban Nutrient Management BMPs**
 - Nutrient Management with a soil test
 - Nutrient Management without a soil test
 - Non-Fertilized Turfgrass
- **Addition of nine new urban land uses**
 - Solar pervious - non-regulated, MS4, CSS
 - Solar infrastructure - non-regulated, MS4, CSS
 - Compacted pervious - non-regulated, MS4, CSS
- If a BMP was mapped to impervious ➡ solar infrastructure added for Phase 7
- If a BMP was mapped to pervious ➡ solar pervious was added for Phase 7

Next Steps

- Feedback from today and offline will be incorporated into an updated draft.
- Source sector workgroups (AgWG and USWG) will be asked to provide their feedback on the initial BMP mapping. This will inform a final version that will be sent to the WTWG for a vote on January 8, 2026.
- A Phase 7 NEIEN Appendix will be created taking these decisions into account.



Thank you!

Any questions?

You can contact me at jrigelman@j7llc.com



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