

# Chesapeake Bay Watershed Technical Workgroup

---

CONTINUED DISCUSSION ON PURPOSE AND SCOPE – AUGUST 2022

CASSIE DAVIS, NYS DEC/WTWG CHAIR



# Recap of Continued Discussion from June

---

Leave with a better understanding of:

- Member expectations and contributions
- How we can develop more effective productive agendas
- Topics of interest for future meetings
- The current scope and purpose/The role the WTWG plays in the CBP
- WTWG's role in Phase 7 Model Development

# Today's Continued Discussion

---

Follow up and determine if changes need to be made:

- The current scope and purpose
- The role the WTWG plays in the CBP
- WTWG's role in Phase 6 & Phase 7 Model Development

# Purpose

---

Provide a forum for communication and discussion between and among the jurisdictions and other CBP participants on **technical issues** related to:

- BMPs
- Chesapeake Bay Watershed Model processes
- Management strategy development and implementation

# Reevaluating Purpose

---

Provide a forum for communication and discussion between and among the jurisdictions and other CBP participants on **technical issues** related to:

- BMPs **Technical Appendices, Reporting, and Verification**
- Chesapeake Bay Watershed Model **and CAST** processes
- Management strategy development and implementation

# Reevaluating Main Tasks

---

- “Support the Water Quality Goal Implementation Team (WQGIT) and the greater Bay Program partners in implementing management strategies to achieve the nutrient and sediment reductions necessary to restore the Bay.”
- “Review and approve the recommended BMP definitions and efficiencies from source workgroups and local jurisdictions, in collaboration with the Scientific and Technical Advisory Committee (STAC) and WQGIT workgroups. Ensure that BMPs are consistent across sectors.”
- “Review and approve how BMPs are tracked and reported by CBP partner jurisdictions and agencies for use in the Watershed Model to ensure that the assumptions accurately reflect real world conditions and are consistent and equitable between the different sectors. ”

# Reevaluating Main Tasks

---

- “Review and approve how BMPs are simulated in the Watershed Model to ensure that the assumptions accurately reflect real world conditions and are consistent and equitable between the different sectors.”
- “Provide technical review & recommendations to the CBP Modeling team on Watershed Model Processes and input data.”
- “Review and/or assess **scoping scenarios**, as needed.”

# Additional Tasks

---

## **Charges from the Grant Guidance and Updated BMP Protocols:**

- Review new expert panel reports and technical appendix
- Review requests for changes to data collection and reporting requirements for BMPs
- Review requests for changes to the NEIEN Appendix and approve NEIEN Appendix [https://www.epa.gov/system/files/documents/2022-04/attachment-7\\_data-submission-specifications-and-requirements\\_march-2022.pdf](https://www.epa.gov/system/files/documents/2022-04/attachment-7_data-submission-specifications-and-requirements_march-2022.pdf)

## **Charges from the Verification Framework:**

- Develop a method for applying verification in the model (credit durations)
- Develop the protocols for analyzing BMP submission data (Appendix V)

## **Charges from the Management Board:**

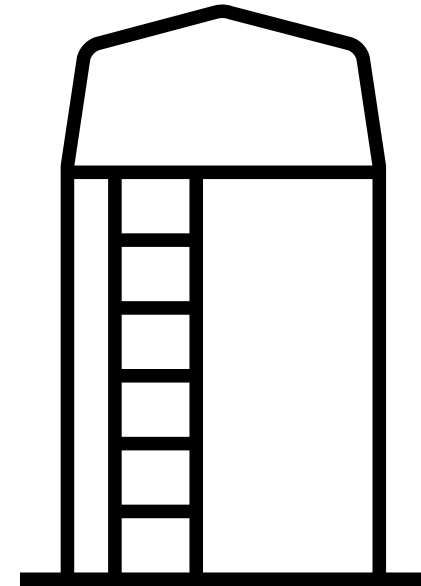
Revisiting back-out and cut-off procedures.



# Other Roles the WTWG takes on

---

- Forum to discuss CAST topics that are outside the scope of the modeling workgroup
  - Review technical changes to CAST (e.g. backout/excess)
  - non-bmp data submissions to CAST (e.g., biosolids, CSO, animal unit percents, construction acres, harvested forest acres)
- Forum to discuss annual progress submission challenges and seek assistance
- Forum to discuss how we use the CAST data outside of just progress reporting



# Phase 7 Development

---

In Phase 6 the WTWG:

Collected comments and suggestions from WTWG members on aspects of the model

Received presentations from CBPO on:

- Land Use Grouping Updates
- Updates from ag modeling subcommittee recommendations

[Phase 7 Model Development | Chesapeake Bay Program](https://www.chesapeakebay.net/what/programs/modeling/phase_7_model_development)

[https://www.chesapeakebay.net/what/programs/modeling/phase\\_7\\_model\\_development](https://www.chesapeakebay.net/what/programs/modeling/phase_7_model_development)

[The Chesapeake Bay TMDL 2017 Midpoint Assessment](https://mpa.chesapeakebay.net)

<https://mpa.chesapeakebay.net>