



# Chesapeake Bay Program

*Science. Restoration. Partnership.*

## **WETLANDS WORKGROUP MEETING: TIDAL**

October 17<sup>th</sup>, 2024

### **JAMBOARD RESULTS**

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#### **QUESTION 1: What do you consider a tidal wetland challenge? (Staff Capacity, Funding, Wetland Implementation, Etc.)**

##### **Staff Capacity**

- Staff capacity and retention/hiring (salary related)
- Staff and/or program capacity

##### **Landowner Engagement**

- Tidal wetland restoration tends to be small private property projects which don't tend to get federal attention.
- Coordination with landowners
- Private property/ownership of existing wetlands
- People aspect - private landowners, silo-ed departments/orgs, ability to get the work done (e.g., low capacity, technical ability), etc.

##### **Funding**

- Funding (monitoring)
- Funding or finance at the scale necessary to meet goals.
- Funding for improvements/projects could be easier to access to expedite work. Which then goes back to capacity to do all that's needed to use the existing funding.
- Knowing about funding opps; being able to apply for funding opps; managing \$ when we get funding.

##### **Lack of...**

- The lack of science/data on resilient designs for sea level rise and marsh migration
- Ability to track wetlands lost and/or monitoring of restoration projects.
- A lack of restoration focus areas based on metrics.
- Wetland loss due to development, sea level rise
- Lack of adequate native plants for restoration
- Competing priorities/goals of wetland restoration

##### **Planning/Designing Wetland Projects**

- Multiple wetlands planning projects - to identify which wetlands to focus on based on different priorities. Lots of planning, seemingly less implementation



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- Need to agree on plan moving forward (Trust working on tidal wetland strategic plan through EPA funded effort)
  - Siting selection for thin layer placement
  - Design and permitting pipelines
  - Is there a Natural Resource Program within local universities that formally teaches wetland design?
    - UMD has a graduate course in wetland design
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**QUESTION 2: Which challenge(s) should the workgroup focus on first? How should they be addressed?**

- NO RESPONSES
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**QUESTION 3: Add the words below onto a sticky note under the category you associate it with. Feel free to add other terms not in the word bank.**

### RESTORATION

- Thin layer placement
- Ditch plugging
- Reestablishment
- Native Planting
- Creation of runnels
- Grading
- Tidal restriction removal
- Fill and planting (tidal waters)
- Living shoreline – existing marsh

### CREATION

- Grading (+1)
- Reestablishment
- Hydrology modification
- Filling
- Treatment wetland
- Recreation
- Legacy sediment removal

### ENHANCEMENT

- Legacy sediment removal



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- Fencing
  - Rehabilitation
  - Hydrology modification
  - Ditch plugging
  - Vegetation removal (+2)
  - Thin layer placement (+1)
  - Native planting (+1)
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