

DRAFT
MARYLAND BAY ENHANCEMENT WORKING GROUP
CONFINED AQUATIC DISPOSAL SUBCOMMITTEE

December 12, 2024, 1:00 PM

Hybrid Meeting

KEY TAKEAWAYS

- **Introduction and Agenda:** In Ms. Peggy Derrick's absence, Ms. Mentzer and Mr. Swift facilitated the meeting. Ms. Mentzer introduced the agenda, committee members, and observers. All meeting materials can be found in the Subcommittee [share file](#) including the [meeting recording](#).
- **November Final Meeting Key Takeaways:** The final key takeaways from the November 14th meeting are available in the [share file](#) including the [audio recording](#).
- **Action Items Review:** Ms. Mentzer reviewed the action items from the previous meeting, categorizing them as completed or in progress, and provided updates on each item. (The list of action items can be found in the [December 12th meeting presentation](#))
- **Meeting Schedule:** Ms. Mentzer noted that the meetings are scheduled at the Cox Creek Operations and Maintenance Facility on the second Thursday of each month from 1:00 to 3:00 PM. However, the January meeting will be rescheduled to January 16th to allow time for preparation given the holiday. The meeting agenda structure includes 90 minutes for technical presentations and discussion, followed by 30 minutes of open discussion for both subcommittee members and observers.
- **Subcommittee Goals and Objectives:** Mr. Swift reminded the CAD Subcommittee of the goals and objectives. The overarching goal of the subcommittee is to review the available options associated with a second CAD pilot project to aid in meeting the long-term dredged material placement needs of the State of Maryland. Mr. Swift also reminded observers to hold questions and interactions with the technical Committee members until the final 30 minutes of open discussion.
- **Sediment Quality:** Mr. Reemts reviewed the analysis of sampled sediments that helped evaluate conditions within the Baltimore Harbor for a second CAD pilot project. The sediments were sampled in two phases. Phase I, performed in 2020, evaluated the geology within the Baltimore Harbor to identify potential CAD site locations. Deep borings were collected to identify sand and describe the properties of the overburden material. The variance in the sand layer depth and extent found in the anchorages by Dundalk Marine Terminal (DMT) and the region offshore of the Cox Creek Dredged Material Containment Facility (DMCF) required additional evaluation. Phase II, performed in 2022, delineated these sand extents. Phase II is organized into the following three subphases:
 - Phase IIA evaluated additional delineation of target areas to help identify the final CAD site location. This process included collecting borings to identify sediment types and performing Cone Penetration Tests (CPTs) to aid in the delineation of sand extents. The anchorage area by DMT had less sand extents than what was anticipated. The Cox Creek DMCF area contained thick sand deposits but there was variation in the depth to sand.

- Phase IIB focused on the refinement of sand extents within the Cox Creek DMCF region, with additional site-specific data collection. Analytical testing evaluated sediment and water quality.
 - Phase IIC sampled maintenance materials from three navigation channels: East Channel, Brewerton Channel, and Brewerton Angle shoals. Navigation channel sediment testing and standard elutriate testing were conducted. There were no exceedances of the effects range median (ERM) in the samples collected and the majority of samples were below the effects range low (ERL). The results also indicated no significant water quality criteria impacts from navigation material.
 - As a part of the current scoring process, it was suggested that the Baltimore Harbor be subdivided into nine (9) conceptual evaluation regions. The regions are open to the committee's consideration and can be adjusted as the process moves forward. Variation within these regions is anticipated based on the initial evaluation.
- **Community Feedback Categorization:** Mr. Swift reviewed the process of the community feedback. The community members were asked to provide questions and concerns. The CAD Subcommittee will review the compiled list of questions and concerns and categorize its relevance to the overall goals of the Subcommittee. This list will be revisited by the Subcommittee during and after the evaluation process. Additionally, the final report will acknowledge all of the questions and concerns.
 - The questions and concerns were organized into the following nine (9) categories: environmental/ecological, human health, risk management and mitigation, stakeholder engagement, design considerations, economic, legal and regulatory, committee structure, project timeline and plan.
 - The categorization matrix is provided in the [share file](#) for the Subcommittee's review.
 - The community feedback will be further categorized based on relevance to the overall goals of the Subcommittee. A preliminary categorization will be provided to the CAD Subcommittee prior to the January CAD Subcommittee meeting for review. During the January meeting, the categorization will be updated based on Subcommittee feedback and consensus.
- **Next Meeting Agenda:** Ms. Mentzer announced that the next meeting will focus on community input follow-up, scoring and attribute review, identifying data gaps, and review of hydrodynamics. As a reminder, the next meeting will be held on January 16th, 2025.
- **Action Items:**
 - MPA will provide Ms. Whilden details on the federal documents denoting the restrictions for Baltimore Harbor dredged material use in greater Chesapeake Bay projects such as Poplar Island and the Mid-Bay Islands.
 - The community input categorization will be provided to the CAD Subcommittee prior to the January CAD Subcommittee meeting for review.

Members Attending:

Anne Arundel County Department of Planning: Kelly Krinetz

Anne Arundel County Waterfront Community Representative: Kelly Hunt

Bay Enhancement Working Group:

Anchor QEA (Anchor): Mark Reemts

Anne Arundel County Department of Public Works: David Braun, Karen Henry

Baltimore County Department of Environmental Protection and Sustainability: David Riter
Baltimore City Department of Planning: Grace Hansen
EA Engineering, Science and Technology (EA): Cynthia Cheatwood
Maryland Board of Public Works (BPW): Bill Morgante
Maryland Department of the Environment (MDE): Matt Wallach
Maryland Department of Natural Resources (DNR): Gwen Gibson, Roland Limpert
Maryland Environmental Service (MES): Dallas Henson, Lauren Mentzer*, Christine Offerman
Maryland Geological Survey (MGS): Steve Van Ryswick
Maryland Port Administration (MPA): Rachael Gilde, Holly Miller, Kelvin Moulden, Darren Swift
Maryland Watermen's Association: Tim Mortus
National Ocean and Atmospheric Administration (NOAA): Jonathan Watson
University of Maryland Center for Environmental Science (UMCES): Andrew Heyes, Elizabeth Price, Lorie Staver, Lisa Wainger
Upper Bay Charter Captains Association: Russ Green
U.S. Army Corps of Engineers (USACE): Kevin Fenyak, Maria Teresi
U.S. Environmental Protection Agency (US EPA): Byron Riggins
Blue Water Baltimore: Alice Volpitta
Maryland House of Delegates Representative: Brian Chisholm
Senate of Maryland Representative: John Garofolo

Additional Agency Members, Support Staff, and Others Attending:

Angie Ashley Consulting: Angie Ashley
Maryland Environmental Service (MES): Saeka Foreman
Maryland House of Delegates Office: Aysia Rodriguez
Observers: Darrell Abed, Allison Bachmann, William Ball, Carl Callahan, David Copley, Mark Donohue, Sandra Donohue, Tom Kerr, Ruth-Sliviak, Chuck Thompson, Carl Treff, Marguerite Whilden

*Confined Aquatic Disposal Subcommittee Facilitator