

Fall 2025 R&D Outcomes

Innovative Reuse Committee (IRC)

November 4, 2025
Hybrid Meeting



Join Us in Person: 5:00 pm – 7:00 pm
Cox Creek Operations & Maintenance Building
1000 Kembo Road, Baltimore, MD 21226
Light supper will be available for those who register.



Join by Video: 5:30 pm – 7:00 pm, link [here](#)



Join by Phone: 410-801-9756, Phone Conference ID: 483 058 208#

5:30

Welcome and Housekeeping

Sari Rothrock and Ed Tinney, RK&K

Sari and Ed will lead introductions and ask for edits to meeting notes.

5:45

IR Updates

Kelvin Moulden, Rachael Gilde, and Joe Ross, MPA

Staff will provide updates about IR/ B U initiatives.

6:00

Northgate Environmental Management R&D Outcomes

Sam Merrill and Jacob Lacy, Northgate Environmental Management

Northgate will discuss their research, which demonstrates the feasibility of using dredged material as supplementary cementitious material and cement clinker.

6:30

Lightning Talks

Lightning talks are short, focused presentations designed to provide bursts of information and spark conversation and collaboration. IRC members have been tapped to give four-minute presentations about why they find innovative reuse personally or professionally compelling and share what they hope to see in the future.

7:00

Announcements and Adjourn

The IRC will meet in early 2026, date TBD.

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DREDGED
MATERIAL
MANAGEMENT
PROGRAM

DMMP GLOSSARY OF ACRONYMS

Acronym	Definition
BPA	Baltimore Port Alliance
BPW	Board of Public Works
B U	Beneficial Use
BEWG	Bay Enhancement Working Group
CAD	Confined Aquatic Disposal
C O C	Citizens Oversight Committee
cy	cubic yards
DMCF	Dredged Material Containment Facility
DMMP	Dredged Material Management Program
DNR	Department of Natural Resources
EPA	Environmental Protection Agency
FLAP	Federal Lands Access Program
GHG	Greenhouse Gas
HBCU	Historically Black College and University
HMI	Hart-Miller Island
IR	Innovative Reuse
IRBU	Innovative Reuse Beneficial Use
MAEOE	Maryland Association for Environmental and Outdoor Education
MCC	Masonville Cove Connector
MCP	Masonville Cove Partnership
mcy	million cubic yards
MDE	Maryland Department of the Environment
MES	Maryland Environmental Services

Acronym	Definition
Mid-Bay Project	Mid-Chesapeake Bay Island Ecosystem Restoration Project
MPA	Maryland Port Administration
NIS	Navigation, Innovation, and Stewardship
NOAA	National Oceanic and Atmospheric Administration
PED	Pre-construction, Engineering, and Design
Poplar Island	Paul S. Sarbanes Ecosystem Restoration Project at Poplar Island
POB	Port of Baltimore
R&D	Research and Development
RFI	Request for Information
RFP	Request for Proposal
SCM	Supplementary Cementitious Material
STAR	Sediment Technology and Reuse
TERP	Terrapin Education and Research Partnership
TEU	Twenty-foot Equivalent Units
TPA	Tradeport Atlantic
UMCES	University of Maryland Center for Environmental Science
USACE	United States Army Corps of Engineers
USFWS	United States Fish and Wildlife Service
VA BEWG	Virginia Bay Enhancement Working Group
WRDA	Water Resources Development Act