

Seven Mile Island Innovation Lab

Work Group Meeting

Via CISCO Webex

September 7, 2022 9:00 – 12:00

Purpose: Provide an update on the suite of SMIIIL beneficial use sites and ongoing research and monitoring projects.

Agenda

1. 9:00 – 9:10 - Welcome – Monica Chasten, Ginger Kopkash, and Lenore Tedesco
2. 9:10 – 9:20 – Seven Mile Island Innovation Lab: Advancing Beneficial Use Practices to Support Coastal Resilience – Monica Chasten, USACE-Philadelphia District
3. 9:20 – 9:40 – Two Year Post-Placement Report of SMIIIL Placement Projects with a Focus on Gull Island – Lenore Tedesco, Lisa Ferguson, Sam Collins, The Wetlands Institute
4. 9:40 – 9:55 – Impact of Strategic, Unconfined, Dredged Material Placement on Turbidity within a Shallow Back Bay System: Gull and Sturgeon Islands – Kelsey Fall, David Perkey, USACE ERDC, Lenore Tedesco, TWI and Monica Chasten, USACE-Philadelphia District
5. 9:55 – 10:05 – Discussion
6. 10:05 - 10:20 – The Placement and Fate of Subaqueous Berms for Marsh Edge Protection and Intertidal Flats Enhancement – David Perkey, Kelsey Fall, USACE-ERDC, Lenore Tedesco, The Wetlands Institute
7. 10:20 – 10:35 - Tidal Delivery of Strategically Placed Dredged Material in Wetland Environments - Jarrell Smith, USACE ERDC, Gail Kineke, and Mike Armstrong – Boston College
8. 10:35 – 10:50 - Monitoring Macro-algae and Benthic Communities at Gull and Sturgeon Islands – Safra Altman, Matt Balazak, and Kevin Reine – USACE ERDC
9. 10:50 – 11:00 - Break
10. 11:00 – 11:15 Discussion
11. 11:15 – 11:25 – Summary of Ongoing Research – Kelsey Fall – USACE ERDC
12. 11:25 – 11:50 - What’s Next – Future Placements Discussion and Input – Monica Chasten – USACE and Lenore Tedesco, The Wetlands Institute
13. 11:50 – 12:00 - Next Steps