

Panel 1: Dredged Material Management Office (DMMO) Updates



► Moderator: Josh Gravenmier

Vice President, *Arcadis*

BPC Dredging & Beneficial Reuse Committee
Co-Chair



► Jennifer Siu

Life Scientist -
Wetlands Section WTR
2-2, USEPA - Region 9



► Melissa France

Senior Project
Manager, USACE - SF
District



► Steve Goldbeck

Chief Deputy
Director, BCDC



**BPC Workshop:
Dredging and Beneficial Reuse
Oct 18, 2022**

LTMS and DMMO Updates

Jennifer Siu

Sediment Management Team
EPA Region 9

Melissa France

Dredged Material Management Office
USACE SPN

Quick Refresher on the LTMS

- Developed 1990s/2000s to address in-Bay mounding hazards, contamination concerns, and lack of agency permit coordination
- **Critical Milestones:**
 - 1998 FEIS/EIR, 1999 ROD
 - Extensive stakeholder workshops
 - \$16-mil for Bay, ocean, & wetland studies
 - 2001 Final Management Plan
 - 2012, 12-yr Review Report
 - DMMO established





LTMS Partnership: Goals and Outcomes

Program Goals (1991)	Implementation Result (2000-present)
1. Maintain navigation	<ul style="list-style-type: none">• 65 mcy dredged• O&M dredging facilitated• Increased public confidence• Mounding at in-Bay sites managed
2. Environmentally sound disposal	<ul style="list-style-type: none">• In-Bay disposal half what it was• Ocean site provides a “safety value” option
3. Maximize DM resource value	<ul style="list-style-type: none">• 28 mcy have built hundreds of acres of tidal habitat around the Bay
4. Cooperative permitting framework	<ul style="list-style-type: none">• Collaborative, streamlined DMMO process is a national model• “Programmatic” consultations bring certainty for planning, faster decisions

Dredged Material Management Office (DMMO)

- **Streamlined project review**
 - One application, multiple agencies (8!!)
 - One-stop sampling/testing guidance and results review at scheduled bi-weekly mtgs
 - Tier 1 testing exclusions
 - Flexibility: up to 5-year “IAAs”
 - SDPPA for small dredgers
- **Programmatic species coverage**
 - BCDC Eelgrass Tool
- **Process Guidance**
 - 2021 Dredgers Handbook
- **DMMO database**
 - 2022 PCBs BT evaluation for EFH consult





Current Challenges for Reuse

- **Mudlock crisis just a memory, but memories are short**
 - Value of LTMS for streamlining and collaboration may be less obvious to new folks
- **High dredging costs remain, while Corps budgets remain flat**
- **Reuse sites remain high-cost option (although ocean not far behind)**
 - LTMS envisioned costs equalizing as more sites came online – market not responding
- **Corps: Local discretion balanced with HQ policy**
 - Application of Federal Stnd can impede reuse so where can we find flexibility for ‘reasonable’ cost-share
- **Sediment deficit for marshes will not be substantially solved by more in-Bay disposal**
 - Direct placement will still be critical mechanism

Opportunities for LTMS Success

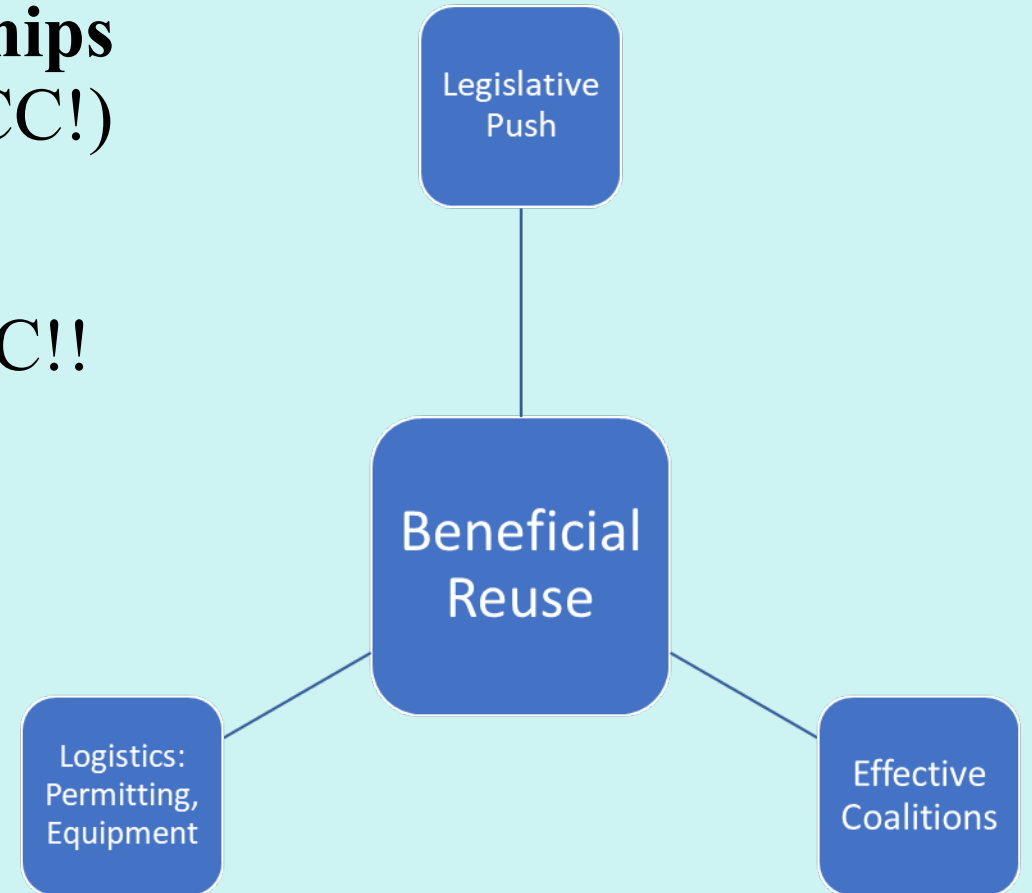
- **Reinforce Public-Private Partnerships**

- CA climate budget and grants (SCC!)
- Measure AA
- Legislative efforts---SCC, BPC!
- Permitting support – WB & BCDC!!

- **Army Corps is Key Player**

- 2022 Oakland Channel Pilot
- WIIN/WRDA 2016, 2020
- RDMMP
- Section 1122 Beneficial Reuse

- **Ongoing Technical Efforts**





Potential Non-Traditional Funding??

- National Coastal Resilience Fund (NOAA/NFWF)
https://sfbayjv.org/funding-details.php?funding_id=310
- EPA SFWQIF
- America's Marine HWY Projects
<https://www.federalregister.gov/documents/2022/03/04/2022-04599/notice-of-funding-opportunity-for-americas-marine-highway-projects>
- FEMA BRIC <https://www.fema.gov/grants/mitigation/building-resilient-infrastructure-communities/before-apply>
- US Dept of Commerce, EDA <https://eda.gov/about/investment-priorities/>
- TNC, <https://www.nature.org/en-us/about-us/where-we-work/priority-landscapes/gulf-of-mexico/stories-in-the-gulf-of-mexico/suns-climate-solutions/?vu=suns>
- CA Natural Resources Agency, <https://resources.ca.gov/grants>