

SECTION 125 OF WRDA 2020

Kate Skelton – Coastal Navigation Program Manager
Jase Ousley – Dredging program Manager

USACE Headquarters

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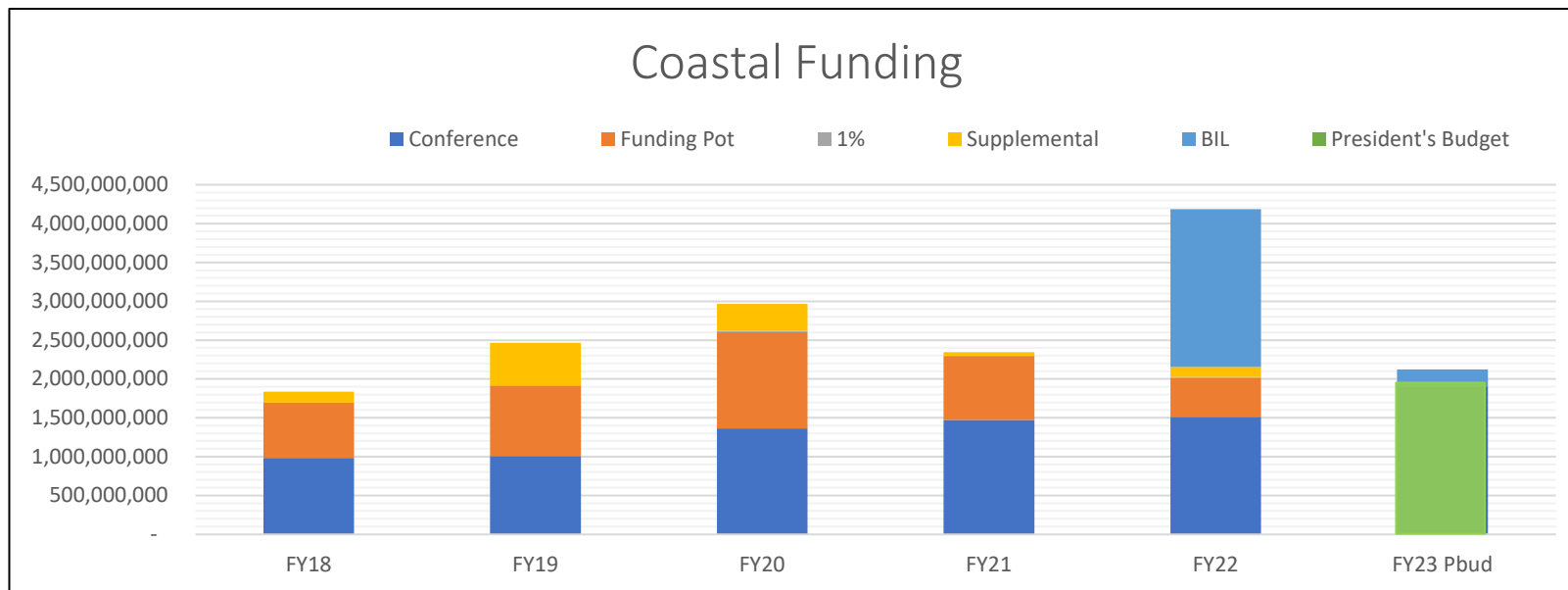
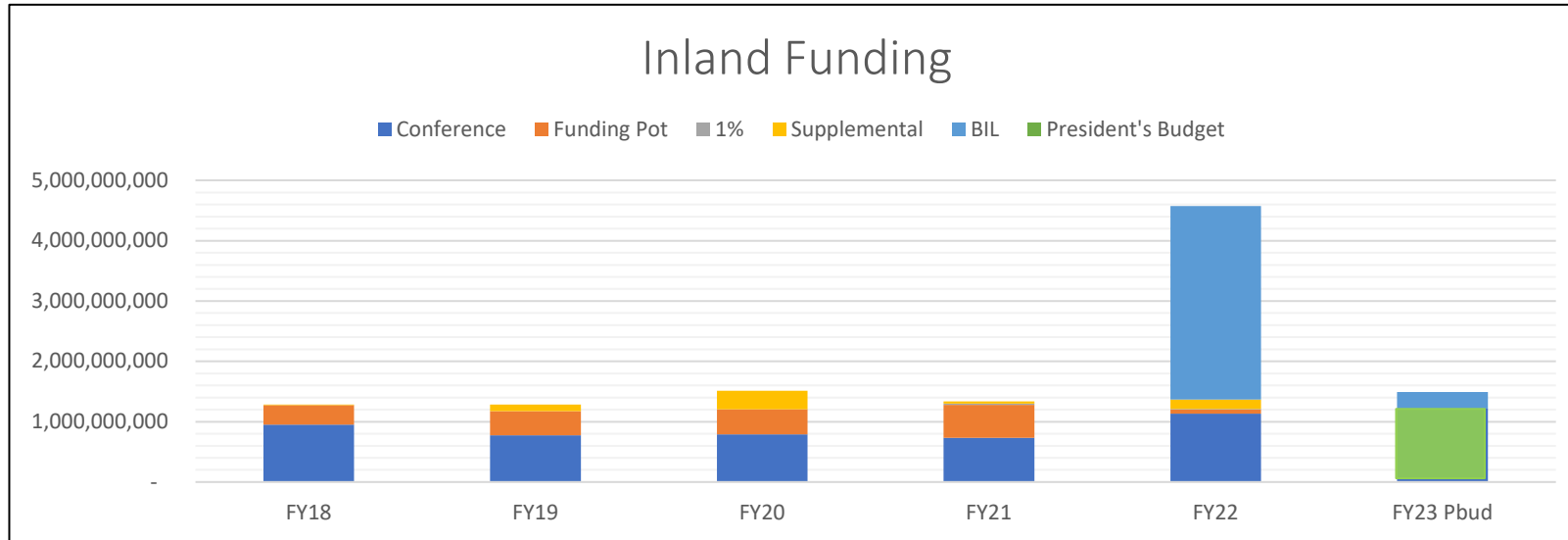
Renews the Congressional commitment to beneficial use (BU) of dredged material by:

- (a) establishing a national policy to maximize the beneficial use of material obtained from Corps projects; requiring the Corps to calculate the economic and environmental benefits of the beneficial use of dredged material when calculating the Federal Standard AND amending section 204(d) of WRDA 1992 to direct that other-than-least-cost placements of dredged material for certain purposes be **funded using appropriations available for construction or operation and maintenance** of the water resources development project producing the dredged material
- (b) increasing the number of beneficial use of dredged material demonstration projects to 35 projects (added more Section 1122 projects),
- (c) directing the Corps to develop **five-year regional dredged material management plans**, and
- (d) emphasizing greater coordination across the Corps' dredging contracts (extended regionalization to inland projects).



INLAND & COASTAL FUNDING TRENDS

INCLUDES INVESTIGATIONS, CONSTRUCTION, O&M, AND MR&T. DOES NOT INCLUDE REMAINING ITEMS OR JOINT COSTS





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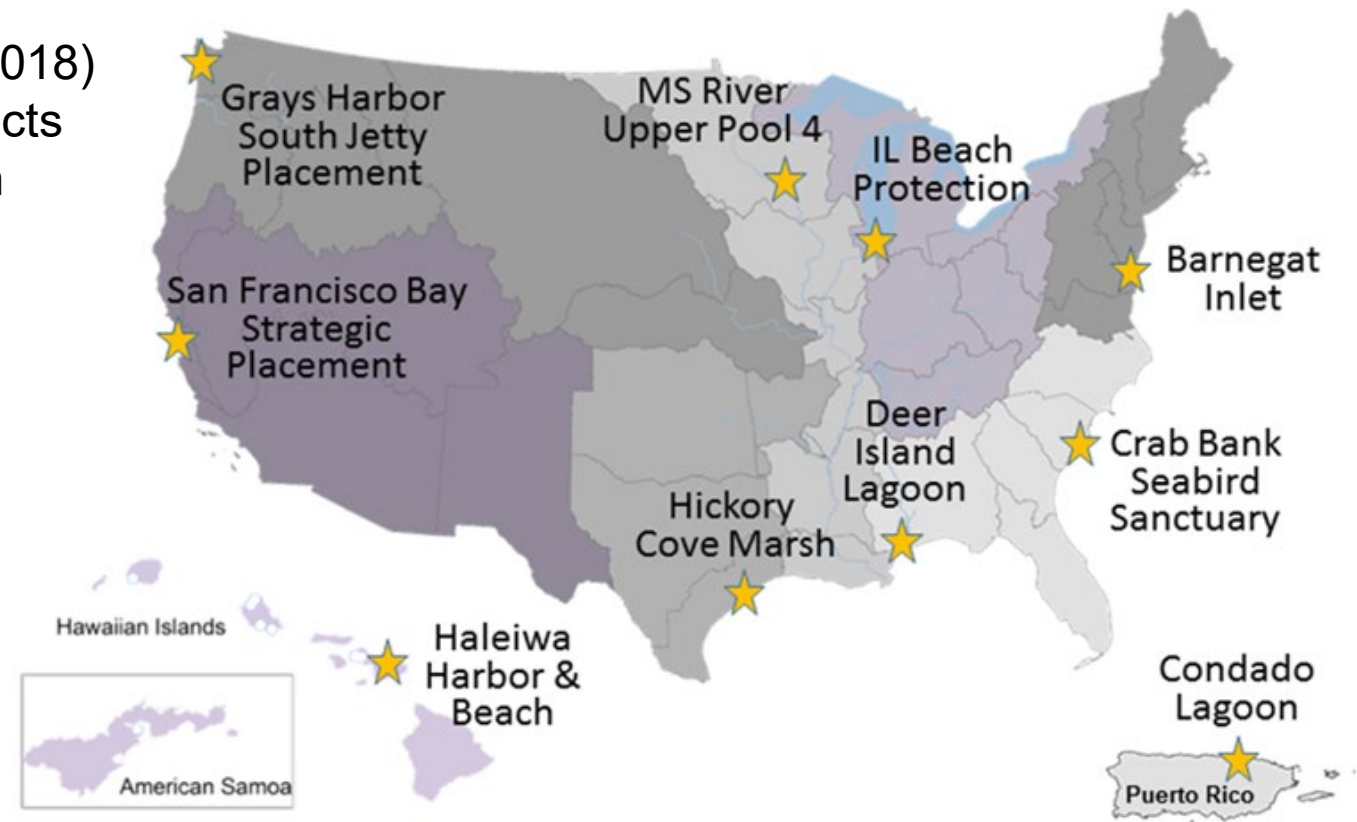
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SECTION 1122 UPDATE



- Implementation guidance is complete (3 Jan 2018) and will be updated after the first 10 pilot projects are completed and lessons learned have been captured.
- 3 Projects Completed
 - Crab Bank Seabird Sanctuary, SC
 - Deer Island Lagoon, MS
 - Barnegat Inlet, NJ
- 5 Projects Work in FY22-23
 - Condado Lagoon, PR
 - Beach Protection in Four IL Communities, IL
 - Mississippi Upper Pool 4, WI
 - San Francisco Strategic Placement, CA
 - Haleiwa beach Restoration, HI
- 1 Project working through preferred plan, anticipate FY24 award
 - Hickory Cove, TX
- 1 Project Terminated
 - Grays Harbor South Jetty, WA





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5-YR REGIONAL DMMPs: SUPPLEMENTAL PROCEDURE AND TEMPLATE



- Funding to prepare and update RDMMP is 100% federally funded (update annually)
- Easy to understand and implement
- Emphasizes stakeholder engagement
 - Capture full spectrum of opportunities
- Clearly defines BU per EM 5025
 - Capture all BU opportunities and categories
- Integrates budget package submittals to show regionalization, optimization and cross business line opportunities
 - Plan funding needs to bring new sites online
 - Capture opportunities across regions and business lines (across littoral system, watershed or region)



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
441 G STREET, NW
WASHINGTON, DC 20314-1000

CECW- CO

11-Jul-2022

MEMORANDUM FOR: See Distribution

SUBJECT: Supplemental Procedure for Section 125(c) of the Water Resources Development Act of 2020, Regional Dredged Material Management Plans

1. References:

- a. Water Resources Development Act of 2020, 27 December 2020, Division A.A. of Public Law 116-260.
- b. Implementation Guidance for Section 125(c) of the Water Resources Development Act of 2020, Dredged Material Management Plans, 29 October 2021.
- c. Engineer Regulation 1105-2-100, 22 April 2000, Planning Guidance Notebook.
- d. Engineer Manual 1110-2-5025, 31 July 2015, Dredging and Dredged Material Management.
- e. Engineer Circular 11-2-224*, 21 March 2021, Civil Works Direct Program Development Policy Guidance, Expires 21 March 2022. * - Updated annually.
- f. 33 Code of Federal Regulations § 337-338.
- g. CECW-CO Memorandum, 21 October 2015, Federal Standard Clarification Regarding Federal Dredging Mission and Interactions with Non- Federal Agencies.
- h. Engineer Regulation 405-1-12, Chapter 12, Real Estate Roles and Responsibilities for Civil Works, 1 May 1998.

2. Background: Section 125 of the Water Resources Development Act (WRDA) of 2020 requires the Assistant Secretary of the Army, Civil Works (ASA(CW)) to maximize the beneficial use of dredged material obtained from construction or operation and



5-YR REGIONAL DMMPs: SUPPLEMENTAL PROCEDURE AND TEMPLATE

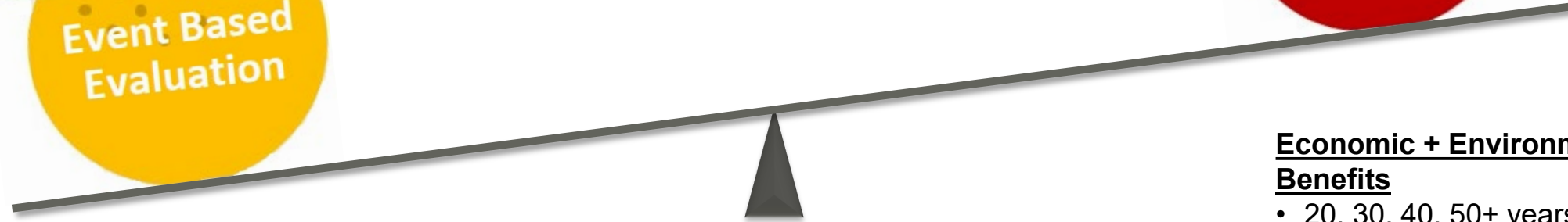


- Retains Federal Standard (FS), requires true cost of dredging combined with comprehensive benefits
 - Alternatives above the FS require cost share of incremental cost (CG or O&M dollars)
- Establishes Beneficial Use Decision Document Integration (BUDDI) that is an addendum to the 20yr DMMP
 - Update the FS, add BU sites, extend disposal capacity without reopening full 20-yr level study
- PA or 20yr DMMP still required for all projects
 - Update 20-yr DMMP guidance and template with Planning in the PGN

Project	P2 Number	CWIS	Dredge Frequency	Average CY/Event	Public Outreach Completed	Disposal Site Name	Total Capacity available(CY)	Dredge Material Management Categories	Disposal Site Proponent	Federally Funded or Cost Shared	Environmental Compliance	Real Estate Compliance
Wet River			Annual	500,000 CY	Yes, Regional PN 1/15/2022-2/16/2022	ODMDS	5 M CY	Open-water - material removed from system*	USACE	Federal Standard	Sediment testing needed	COMPLETE - Exercise of Navigation Servitude (within the
						Nearshore site A	3 M CY	Open-water - material stays in system*, Beach Nourishment	USACE	Federal Standard	Sediment testing needed	COMPLETE - Exercise of Navigation Servitude (within the
						South Jetty beach	150K CY/ever other yr	Parks/Recreation , Beach Nourishment	State Agencies, Local Agency	Cost Shared	Full Suite Needed	Not Initiated
Dry River			Every 2 years	1 M CY	Yes, Regional PN 1/15/2022-2/16/2022	Upland DMDF Site A	1,800,000	Confined placement*	Non-Federal Sponsor	Federal Standard	Complete	ACQUIRED - Standard Estate, Fee
						Upland DMDF Site B	4 M CY	Construction/ Commercial, Confined placement*	USACE	Federal Standard	Complete	ACQUIRED - Standard Estate, Fee Interest
						In river site A	150,000/event	Open-water - material stays in system*, Aquatic habitat	Other Federal Agencies	Federal Standard	Complete	COMPLETE - Exercise of Navigation Servitude
						Wetland renourishment Site	500,000 once every 4 years	Wetlands	NGO	TBD	Full Suite Needed	Not Initiated



FEDERAL STANDARD CALCULATION



Direct Pre, During, Post Dredging Costs

- Dredging
- Dredge Material Management
- Transport
- In-house Engineering
- Planning
- Contract Management and Oversight

Benefits

- 20-yrs
- Few environmental benefits
- Extending FRM Cycle
- Previously established (not adding benefits)

Direct Costs + Incidental Pre, During, Post Dredging Costs

- Site selection
- Permitting
- Placement Site Construction
- Maintenance
- Monitoring & Reporting
- Surveying
- Dike Raising
- Offloading
- Real Estate
- Species Management
- Mitigation

Economic + Environmental + Social Benefits

- 20, 30, 40, 50+ years
- Extending FRM nourishment cycle, relocation, buyout, elevation, flood proofing
- Coastal Resiliency *behind the BU
- Habitat Value (quantity*quality = \$)
- Regional Economics
- ...
- Wild cards
 - Environmental Justice
 - Carbon Sequestration
 - Life Safety
 - Public and Stakeholder Objectives
 - Watershed Approaches



5-YR REGIONAL DMMPs: SUPPLEMENTAL PROCEDURE AND TEMPLATE



- Beneficial Use Decision Document Integration (BUDDI):
 - New BU sites identified or proposed must complete a decision document that supports the rational of the recommendation(s).
 - Once approved, BUDDI will augment the capacity of the PA or 20-year DMMP. Capacity can be continually augmented as new BU sites are identified.
 - The Federal Standard or base plan can be updated through the BUDDI, without undertaking a new 20-year DMMP.
- Supplemental Procedure Memo and Template will be posted online on a public site
- Workshops to walk through implementation coming this fall/winter
 - Bring questions and problem projects to work through



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Questions?



Dredging project manager monitoring dredged sediment placement at the Jekyll Creek Marsh Restoration and Wetland Habitat development Beneficial Use of Dredged Material project, Georgia. (Photo by Clay McCoy, USACE Jacksonville)