

# SOUTH PACIFIC DIVISION OPERATIONS & REGULATORY UPDATE

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South Pacific Division

Date: SEP 2023



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US Army Corps  
of Engineers®



San Francisco Main Ship Channel



Port of Long Beach



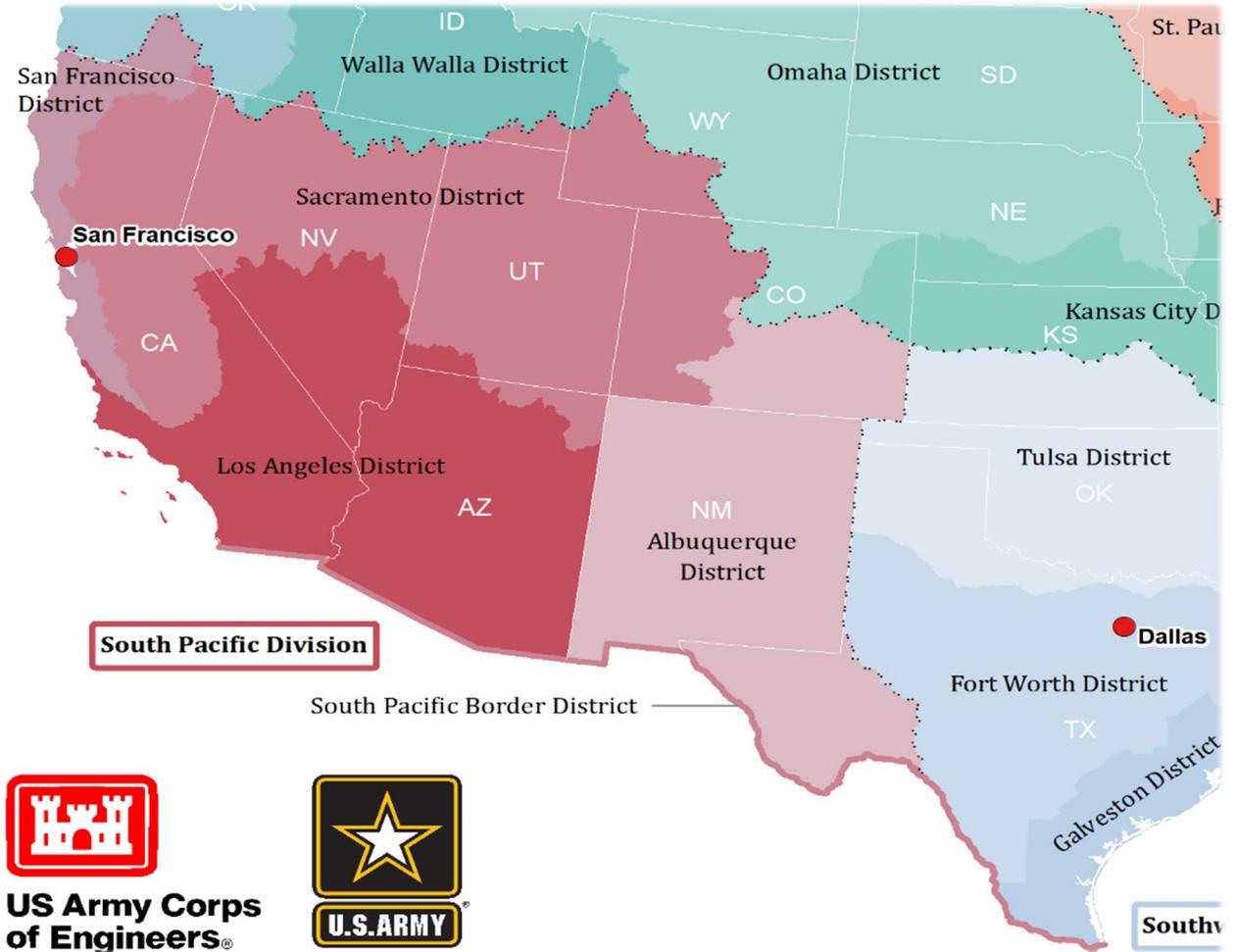
# SOUTH PACIFIC DIVISION

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- ❑ 4 Districts, 10 States
- ❑ 2,800 Civilians and Soldiers
- ❑ 13 Army/13 USAF installations
- ❑ 46 Corps dams and reservoirs
- ❑ 2,286 miles of Federal levees
- ❑ 194 recreation areas; 19.6m visitors/year

- ❑ 39 Navigation Projects
- ❑ 429 miles of Navigation Channels
- ❑ 35 miles of Coastal Navigation Structures
- ❑ 3 Large Debris Control Dams
- ❑ 5 National Strategic Ports



Civil Works Boundaries



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# SOUTH PACIFIC DIVISION (SPD) LEADERSHIP



**COL Chad Caldwell**  
Acting Commander



**LTC Kevin Arnett, PhD, PE**  
Deputy Commander



**Mr. John Moreno, PE, SES**  
Director of Programs



**Mr. Brian Kamisato,**  
Acting Regional Business Director

## DISTRICT COMMANDERS



**LTC Jerre Hansbrough**  
Albuquerque District



**COL Chad Caldwell**  
Sacramento District



**COL Andrew Baker**  
Los Angeles District



**LTC Timothy Shebesta**  
San Francisco District

# *SPD Strategic Vision Statement*

*Delivering bold solutions to serve and strengthen all communities.*

*John Martin Dam  
Albuquerque District*





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# SPD OPERATIONS & REGULATORY TEAM



**Tori White**  
Chief

Operations



**Heather Schlosser**  
Coastal, Navigation, & Engineering with Nature



**Tom Ehrke**  
Recreation, Environmental Stewardship, & Sustainability



**Brian Dela Barre**  
Flood Risk Management, Water Supply, & Section 408



**Chris Schooley**  
*Asset Manager*

Regulatory



**Scott Kelly**  
Regulatory (Acting)



**Travis Morse**  
Appeals Review Officer



**Shannon Johnson**  
*Technical Regional Execution Center (TREC)*



**Kasey Sirkin**  
*TREC Team Leader*

Blue denotes temporary

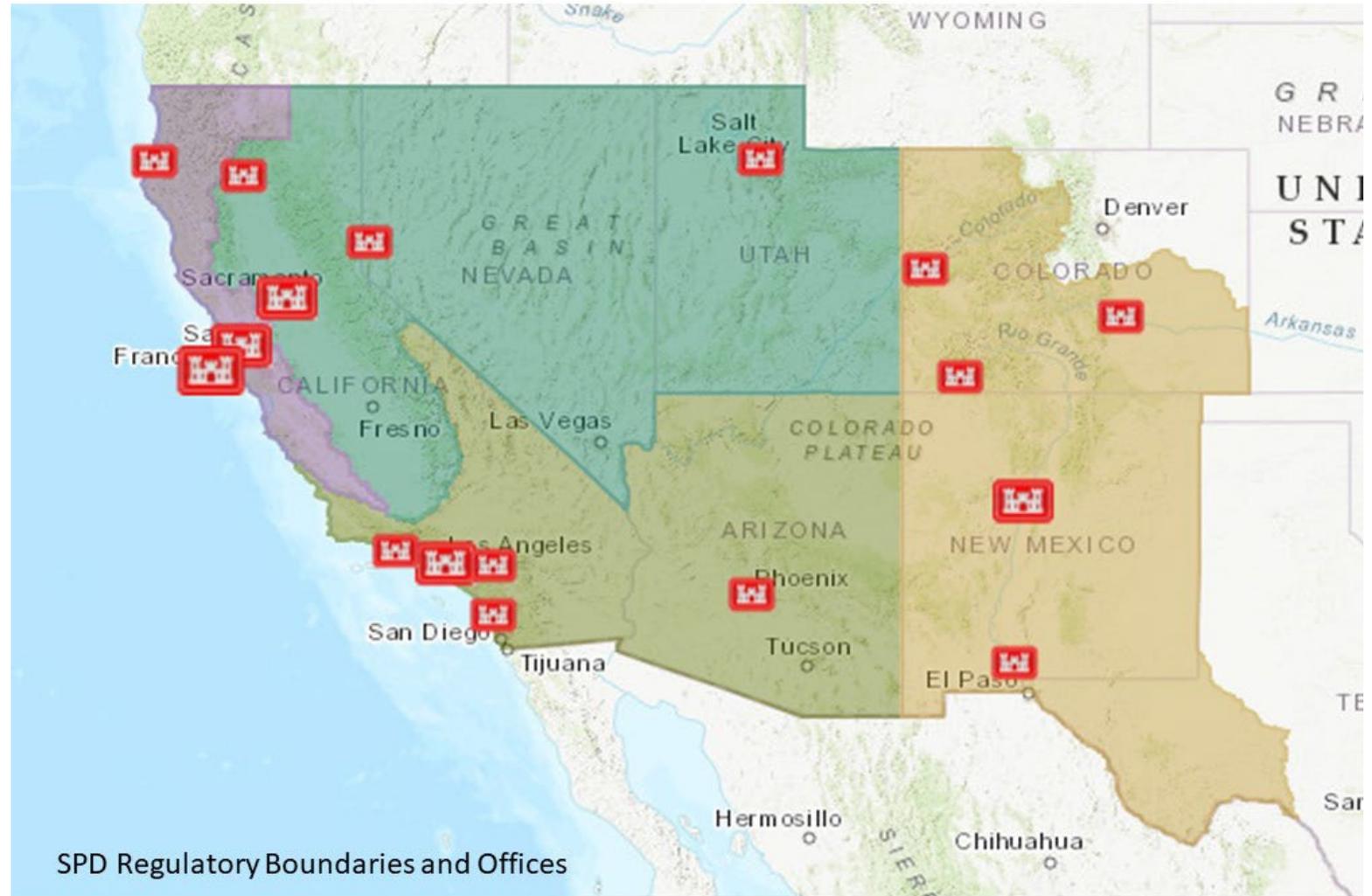


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# SPD REGULATORY BOUNDARIES



- ❑ 4 Districts, 7 States
- ❑ 17 offices; 155 professionals
- ❑ 7,264 regulatory final actions in FY22 (includes 301 individual permits)
- ❑ Over 350 general permits verified for emergency actions in CA following winter storms
- ❑ 36 WRDA 214 Agreements
- ❑ Great ecological diversity and varied landscapes
- ❑ +300 threatened/endangered species
- ❑ 182 Federally recognized Tribes & greatest extent of tribal lands





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# PERMITTING REFORM



## 2019 Inspector General Report

- Change budget allocation process
- Regulatory a Direct Report
- Regulatory Development Program

## 2022 Permitting Action Plan

- Required by CEQ and OMB
- Must be more Transparent
- More Public Engagement
- Environmental Justice needs to be addressed

## 2015 Federal Permitting Improvement Steering Committee

- Develop permitting timetables
- More visibility from the public
- Communicate strategy
- Dashboard for public visibility
- Upward reporting to Whitehouse

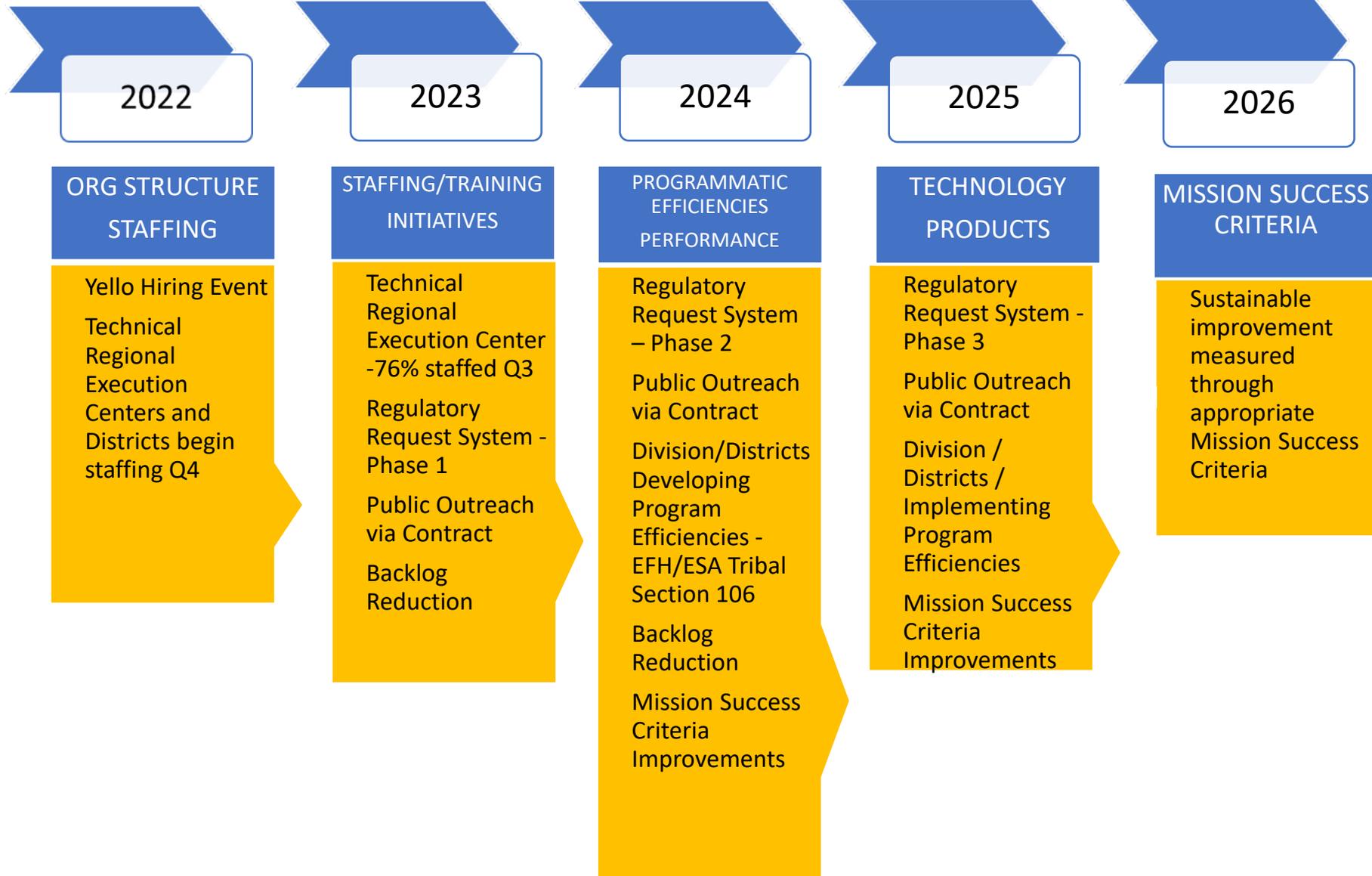
## Our Goal

Improve public service through transformational change that will enable USACE Regulatory Program to continue to effectively deliver decisions that balance natural resource protection with the need for progress and economic growth.





# BIL EXECUTION PLAN FOR REGULATORY

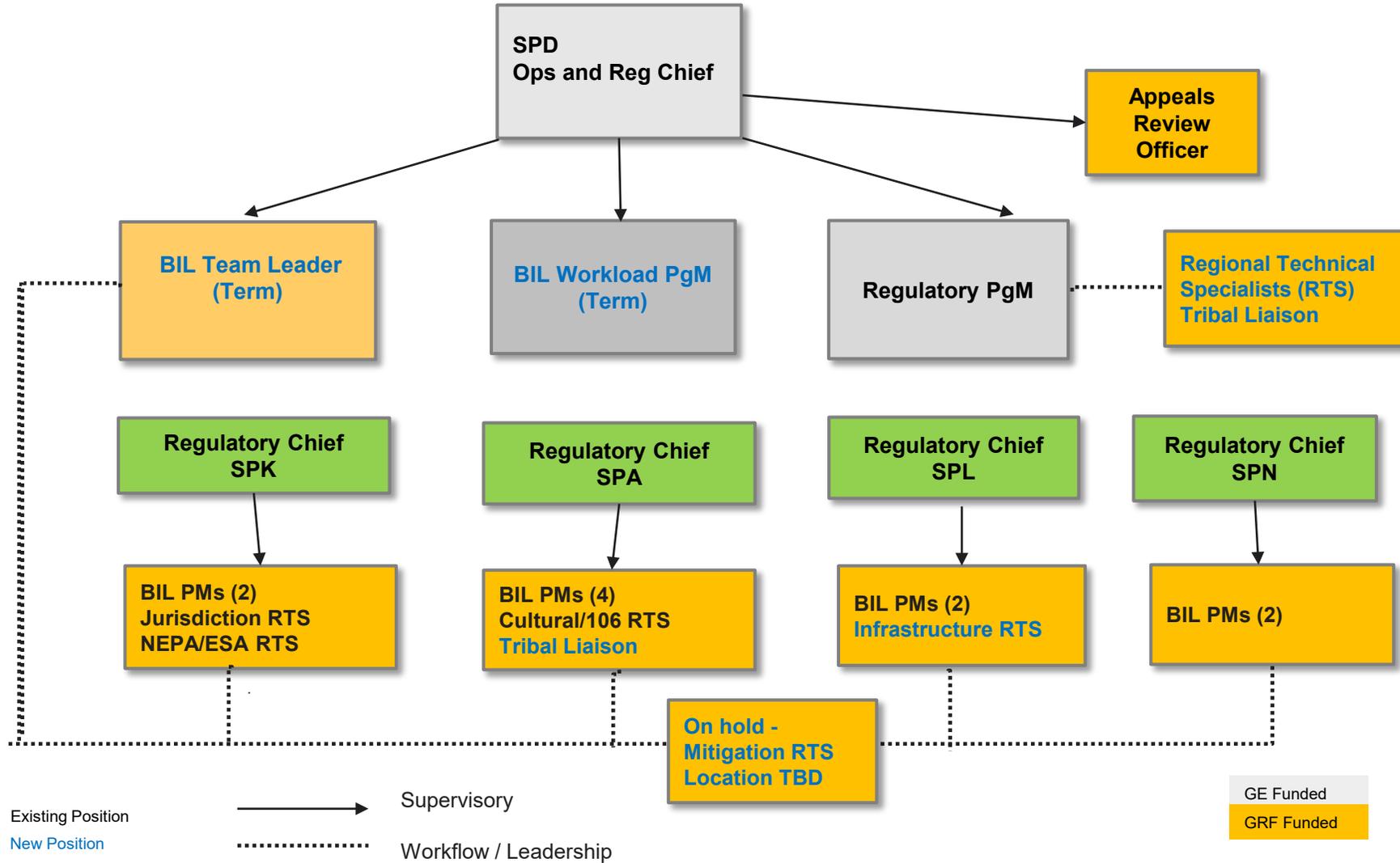




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# TECHNICAL REGIONAL EXECUTION CENTER



## “Regulators without Borders”



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# BENEFICIAL USE OF DREDGED MATERIAL



U.S. Army Corps of Engineers

## Beneficial Use of Dredged Material Program Vision



### Dredge Material is a valuable resource

- Increased dredging investments create beneficial use of dredge material management opportunities
- Benefits the ecosystem, economy, and can effectively and efficiently deliver the USACE mission.



### There are opportunities to expand beneficial use within the Federal Standard

- Operational strategy should inherently include beneficial use placement options.
- If material is needed to implement a project, beneficial use from dredging operations should be considered as an option in the planning and execution strategy.



### Partner collaboration is key to our success

- Innovative pursuit, both internally and externally, with partners and stakeholders will:
  - Maximize available solutions, strategies, and tools
  - Develop and apply new approaches and technologies

### National Policy for Beneficial Use of Dredged Material

Congressionally established by section 125 of WRDA 2020 in doing so, Congress has underscored the importance of the Beneficial Use of Dredged Material Program

*Dredged material is valued as a resource not to be wasted but used for benefits to the ecosystem, economy, and project delivery*



Address key obstacles to execution

Identify Key Contributors

Unify Enterprise Purpose



Foster Strong Partnerships

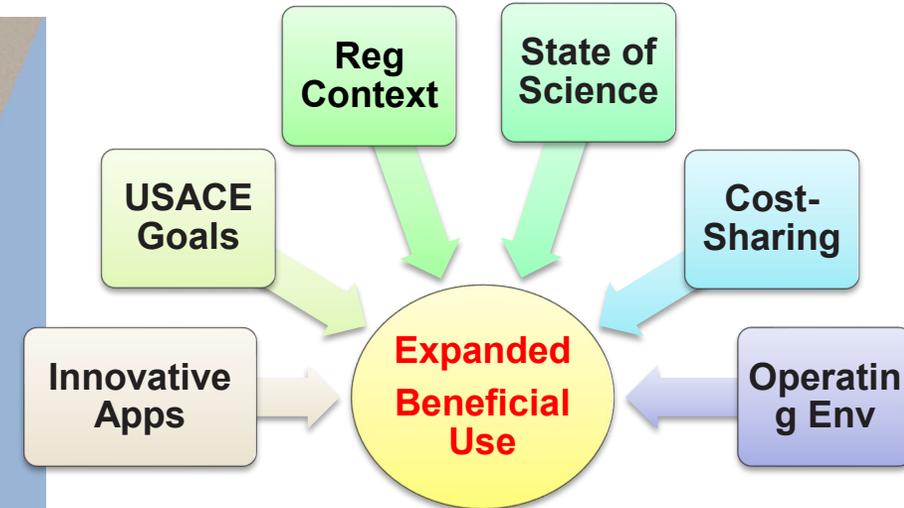
Deliver the Mission

Identify, develop, and share beneficial use practices

Collaborate on innovative financing

Over the next 3-5 years, the Corps will expand the beneficial use of dredged material program. Achieving this vision will require all of us to be innovative and work alongside our partners, both internally and externally, to ensure we are finding the best use of sediments derived from our Navigation mission.

28 APR 2022



- ✓ WRDA 2020 Section 125
- ✓ DIS use to track BU
- ✓ Section 1122 Program
- ✓ Expansion of Nearshore Disposal Sites
- ✓ Comprehensive Benefits
- ✓ Engineering with Nature



# SPD NAVIGATION PROJECTS – SAN FRANCISCO DISTRICT



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Dredge Events  
**148**

Total Volume  
**27.9M cy**

Beneficial Use  
**21%**  
 5.79M cy of 27.9M cy

**30**  
 BU Events

Disposal  
**79%**  
 22.11M cy of 27.9M cy

**118**  
 Disposal Events

**21 Projects with Federal Navigation Channels**

**4 Projects with Navigation Structures only**

- ### HOW DO WE INCREASE BUDM in SPN?
- ❖ **GOAL NOT YET MET**
  - ❖ **Dredge about 3-5 MCY annually**
  - ❖ **Lots of Regulatory Restrictions within SF Bay tends to result in Ocean Placement as the Federal Standard**
- ### Current and Upcoming Efforts
- ❖ **Oakland Harbor (600-700 KCY) – FY22/23 O&M dredging beneficially placing sediment both in-bay and direct upland placement.**
  - ❖ **1122 Pilot Project – Potential to beneficially place about 23 MCY over about 10 years**
  - ❖ **5-year Regional Dredged Material Management Plans AND SF Bay Regional Dredged Material Management Plan**
  - ❖ **Looking at nearshore placement site for Humboldt (over 1MCY)**
  - ❖ **Partners that are invested in BU, including CA Coastal Conservancy**



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# SPD NAVIGATION PROJECTS – LOS ANGELES DISTRICT



- ❑ 12 Projects with Federal Navigation Channels
- ❑ 2 Projects with Navigation Structures only



Dredge Events  
 **47**

Total Volume  
**18.61M cy**

Beneficial Use  
**96%**  
17.92M cy of 18.61M cy

**44**  
 BU Events

Disposal  
**4%**  
686.65k cy of 18.61M cy

**3**  
 Disposal Events

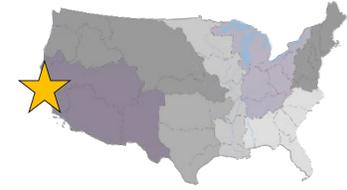
## How Do Beneficially Use Dredged Material in SPL?

- ❖ **GOAL MET**
- ❖ **Dredge about 1-1.5 MCY annually**
- ❖ **Placement locations are either on an adjacent beach or in the nearshore.**
- ❖ **Projects are generally located in the open ocean environment and the BU disposal options are the Federal Standard.**



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# SECTION 1122 IN SPN

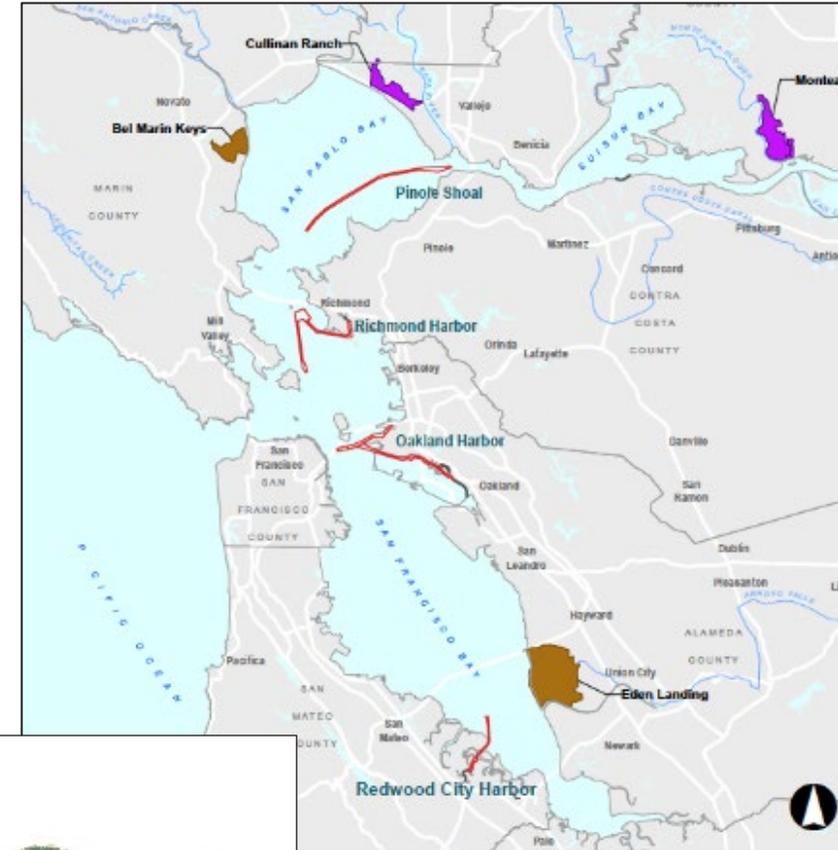


**Location:** San Francisco Bay, Pacific Coast

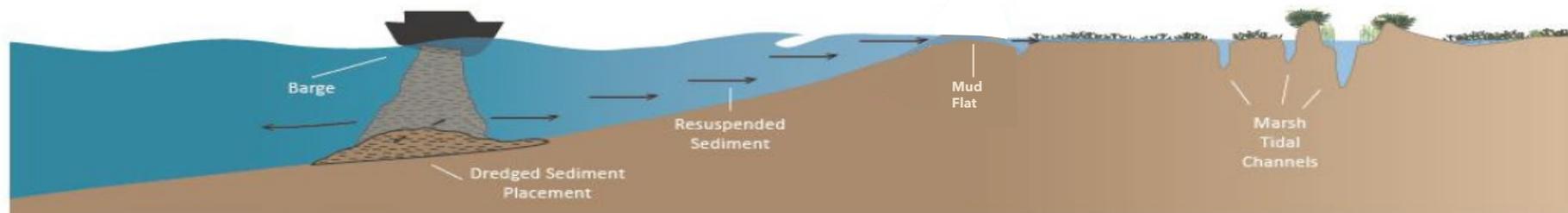
**Estimated 1122 Project Cost:** TBD (\$64.05M)

**Success & Lessons Learned:** The project offers a real-world implementation of innovative dredge material beneficial use, including the operational challenges for contributing federal navigation projects, efficiencies and potential economies of scale to be gained, and the evaluation of sediment transport pathways and resultant benefits to wetlands fringing San Francisco Bay.

**Status:** Finalizing plans and specs for nearshore and direct placement, expected construction in FY23.



Shallow-Water Placement



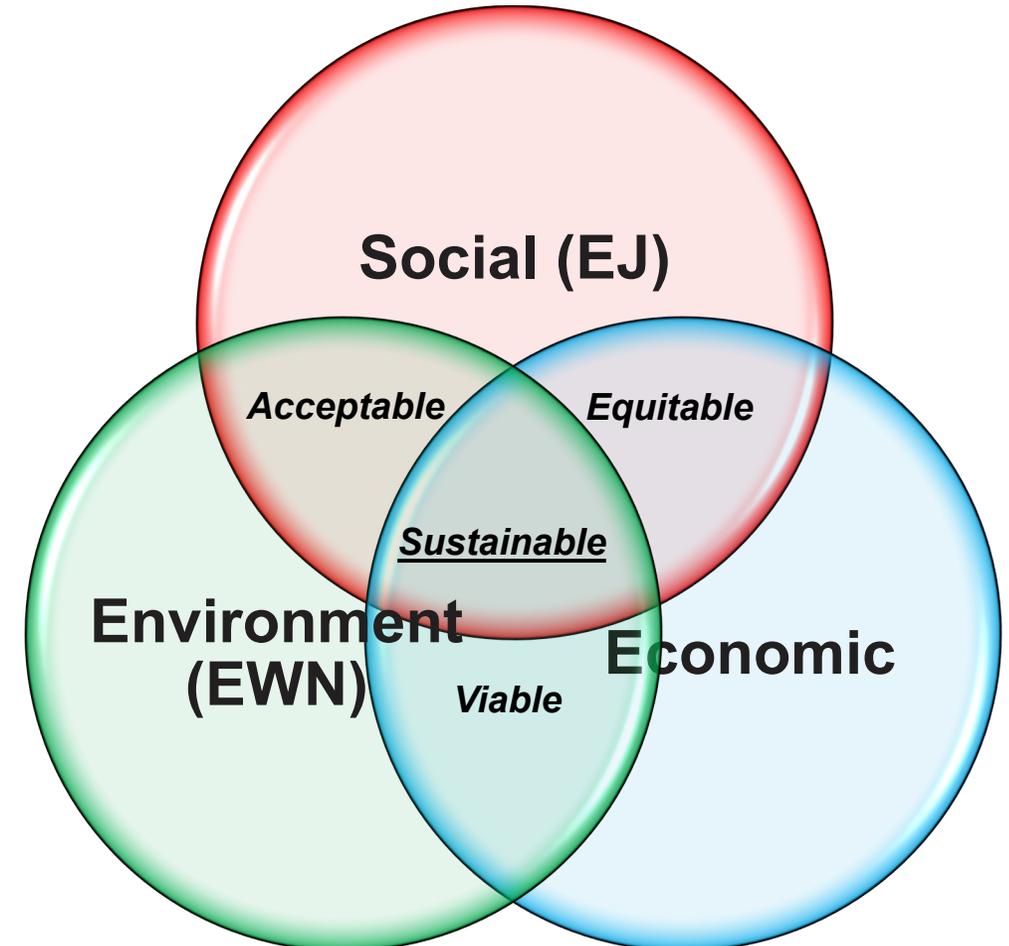


## Analysis – Why EWN and EJ together?

*Strengthen water resources infrastructure to achieve climate resilience for ALL communities and leverage collaborative capacity to achieve complex goal.*

In order to build sustainable projects that are **acceptable**, **equitable** and **viable**, we must evaluate the social and environmental benefits equally with the economic benefits.

- EWN can provide additional benefits to and help reduce past unintended consequences.
- EJ has to be considered so EWN doesn't create **unintended consequences** such as gentrification.
- Engineering with nature can help improve environmental conditions for everyone, by tying engineering with nature to environmental justice, we can help **remove barriers in addressing issues**.





QUESTIONS?





Back up slides



# SCC 1122 PROPOSAL

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## Federal Navigation Projects

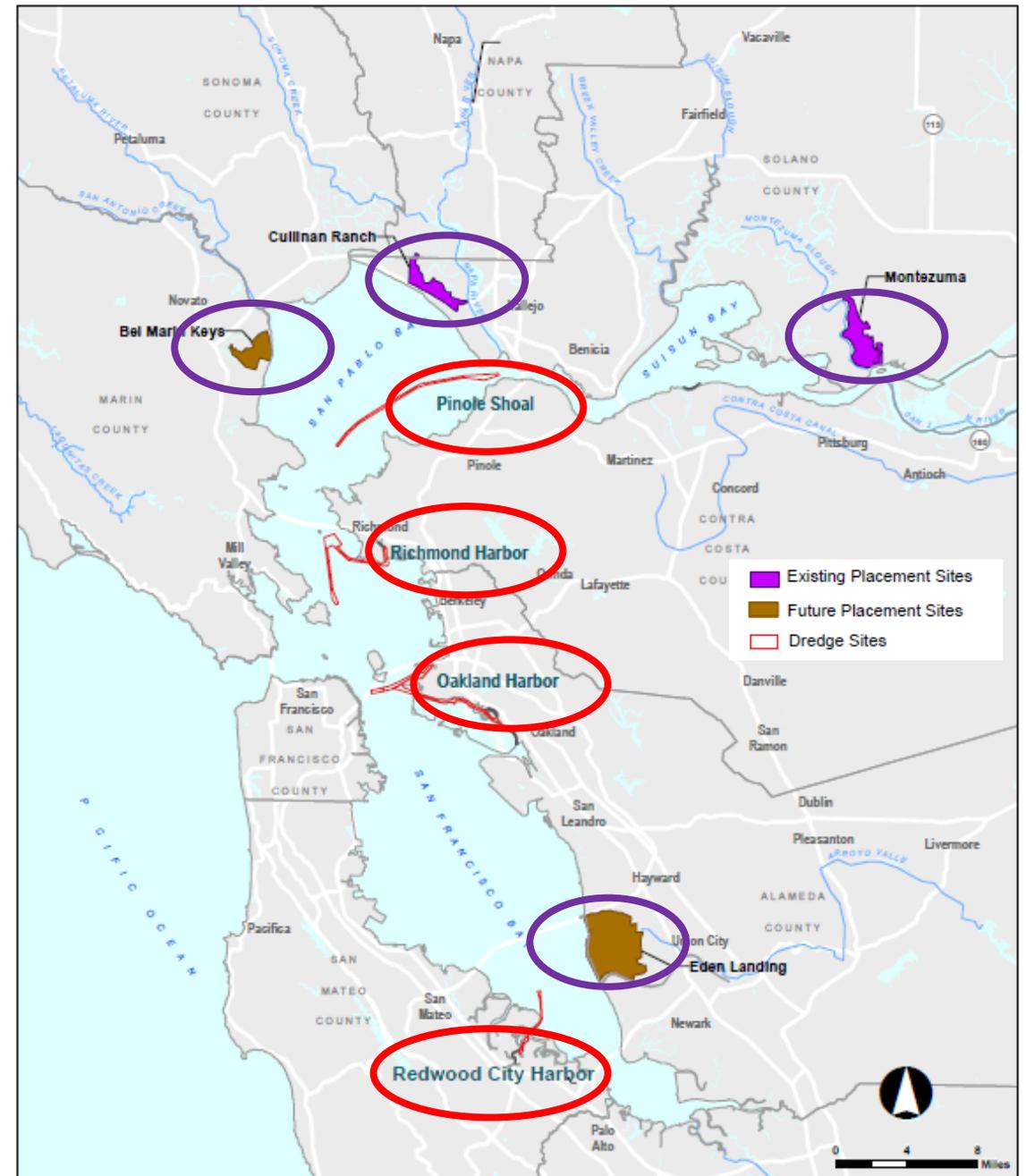
(SOURCE):

- Oakland Harbor
- Richmond Harbor (Inner; Outer = Hopper)
- Pinole Shoal (Hopper)
- Redwood City

## Beneficial Use Site:

- Cullinan Ranch
- Montezuma
- Bel Marin Keys Unit V
- Eden Landing

|                                 | Est. Federal 1122 Costs | Est. Volume     | Notes             |
|---------------------------------|-------------------------|-----------------|-------------------|
| Strategic Placement             | \$3.25M                 | TBD             | Finalizing Design |
| Cullinan Ranch Direct Placement | \$6.5M                  | 2 MCY           | Available now     |
| Montezuma Direct Placement      | \$24.9M                 | 4.5 MCY         | Available now     |
| Bel Marin Keys                  | \$29.4M                 | 9.1 MCY         | Available ~FY24+  |
| Eden Landing                    | TBD                     | 7.2 MCY         | Available ~FY26+  |
| <b>Total over 10 years</b>      | <b>\$64.05M</b>         | <b>22.8 MCY</b> |                   |



SAN FRANCISCO BAY WIIN PILOT PROJECT



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# WRDA 2020 – SECTION 125 (SECTION C)

18



**Overview:** Section 125c of WRDA 2020 directs USACE to develop 5-yr regional dredged material management plans (RDMMP) at full federal expense.

## **APPLICATION:**

### 5-YR RDMMP

- Updated annually
- Districts limited to \$20K for development
- FY24 – first year funds will be available
- Public Scoping process to solicit BU opportunities.
- Dredged material is considered a resource and RSM and EWN principles shall be used whenever possible.
- New Placement sites will be considered and approved in a decision document called a Beneficial Use Decision Document Integration (BUDDI).
- BUDDIs can be an addendum to a 20-yr DMMP.

*Beneficial Use Opportunities will be solicited from the sponsors, stakeholders and the public.*



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# WRDA 2020 – SECTION 125 (SECTION A)



**Overview** Section 125a of WRDA 2020 gives an avenue for USACE to cost-share in the incremental cost of beneficial use placement of dredged material during O&M of a Federal navigation project.

Section 125(a)(2)(C) of the Water Resources Development Act (WRDA) of 2020 amends Section 204(d) of WRDA 1992 (33 U.S.C. 2326(d)) to authorize the Secretary to *use funds appropriated for construction or operation and maintenance of a project involving the disposal of dredged material when selecting a disposal method that is not the least cost option based on a determination that the incremental costs of the disposal method are reasonable in relation to the environmental benefits or the hurricane and storm or flood risk reduction benefits.*

**APPLICATION:** Beneficial Use (BU) Placement of material dredged during Operation and Maintenance (O&M) of a Federal Navigation Project under Section 204(d).

