



US ARMY CORPS OF ENGINEERS SAN FRANCISCO BAY OPERATIONS & MAINTENANCE DREDGING PROGRAM, 2026-2029

Consistency Determination No. C2025.005.00

BRENDA GOEDEN

SAN FRANCISCO BAY CONSERVATION AND
DEVELOPMENT COMMISSION

JANUARY 15, 2026



FEDERAL COASTAL ZONE MANAGEMENT ACT

Different than Permits Under McAteer-Petris Act

Federal Coastal Zone Management Act of 1972, as amended,
16 USC § 1451 *et seq.* and 15 CFR § 930

Evaluate effects to the Coastal Zone

- Not limited to McAteer Petris Act jurisdictions, but “activities that may affect the coastal zone”

Consistent with the enforceable policies of the federally-approved San Francisco Bay Coastal Zone Management Program

- Policies contained in the McAteer Petris Act, Suisun Marsh Preservation Act, San Francisco Bay Plan, Suisun Marsh Protection Plan, and Commission regulations

“Consistent to the maximum extent practicable”

- Fully consistent unless there is federal law preventing full consistency
- Not funding dependent

Different enforceable policies, timing



Maintenance of Federal Navigation Channels

Dredging within the Bay:

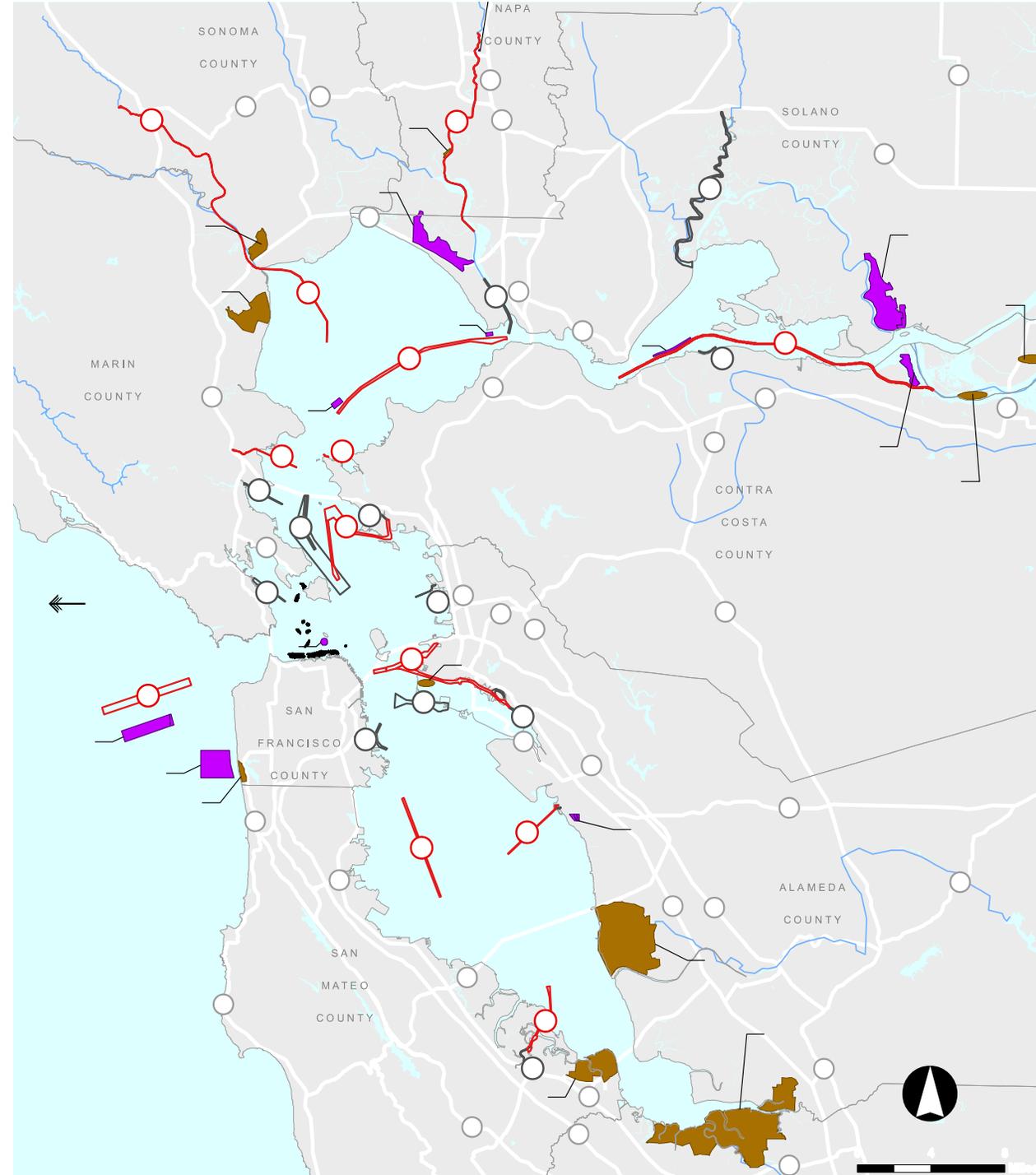
Annually -

- 7 Deep draft channels: 4.22 million cubic yards (cy)

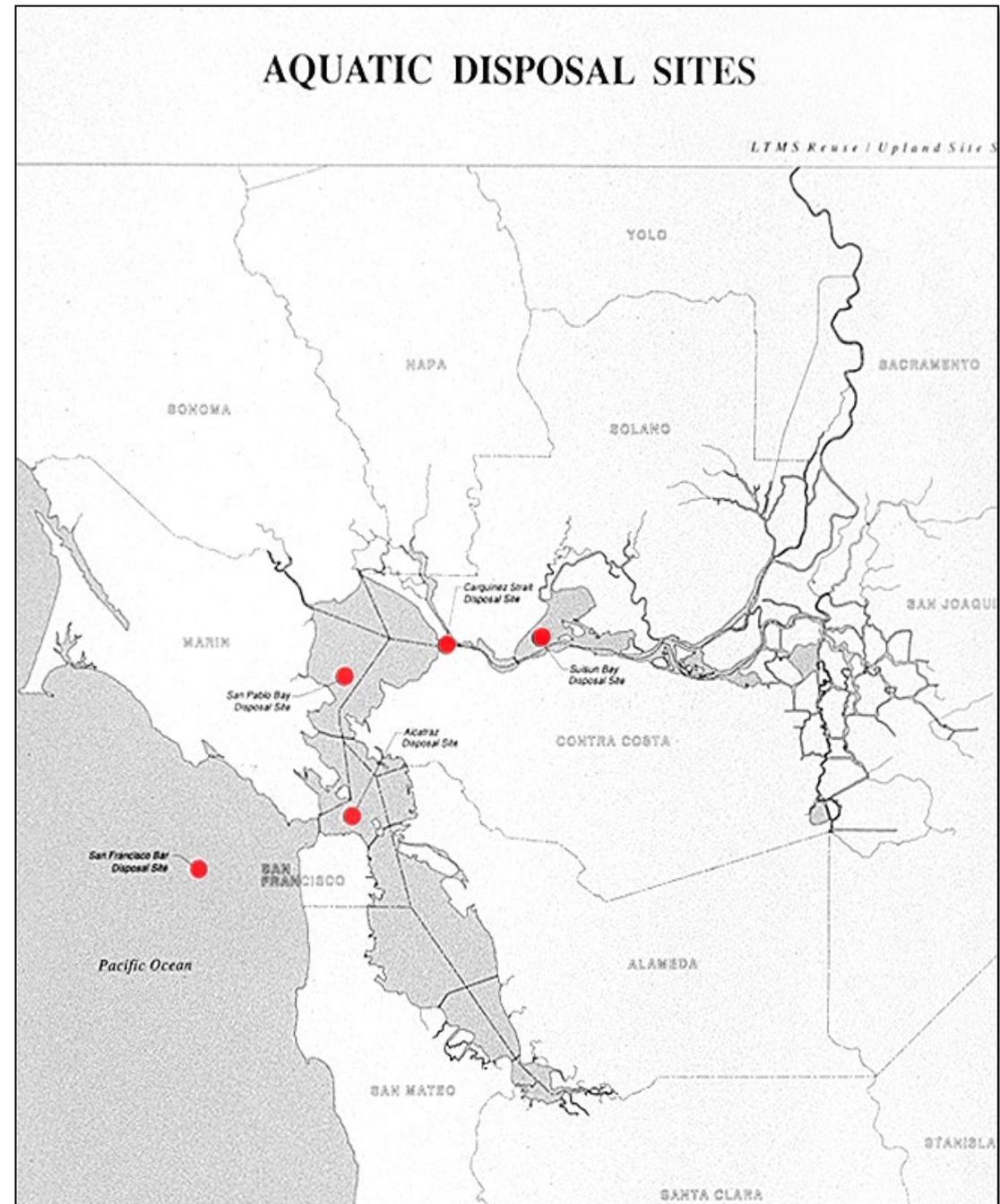
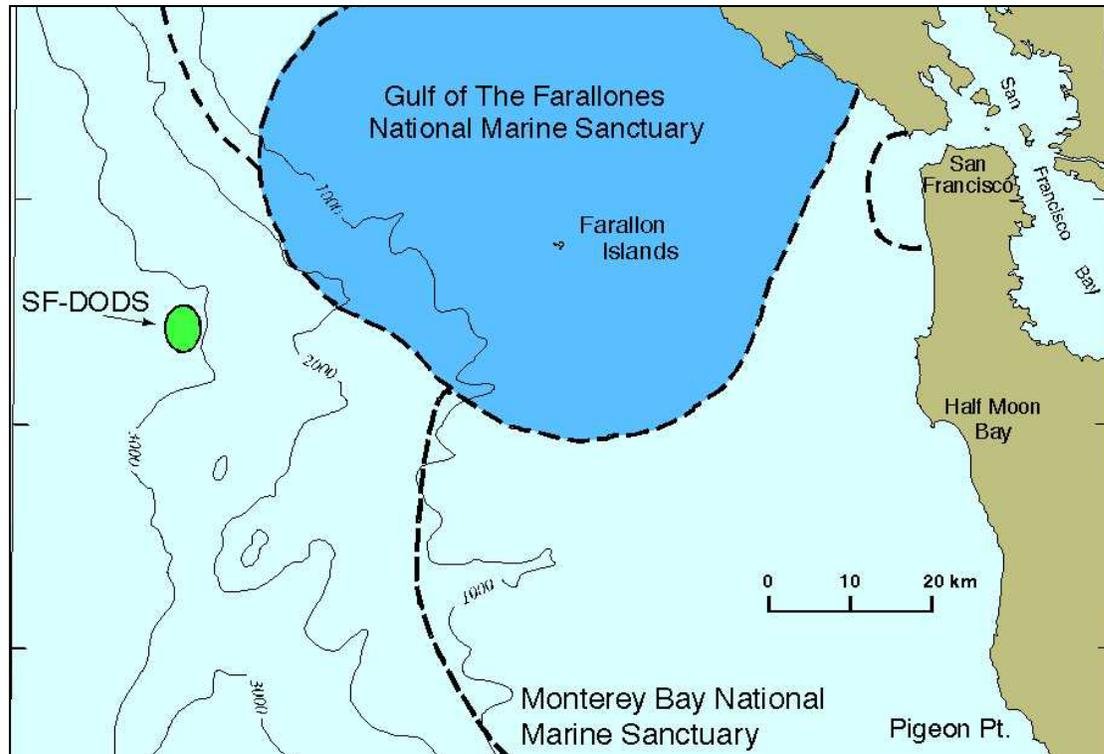
Once in 4 years -

- 4 shallow draft channels: 725,000 cy
- 2 Sea trials: 30,000 cy

In-Bay, beneficial reuse, and ocean disposal



DREDGED SEDIMENT DISPOSAL



PROPOSED EQUIPMENT

- Mechanical clamshell or excavator bucket (like a steam shovel)
- Hydraulic hopper or cutterhead (suction - like a vacuum cleaner)



USACE OPERATIONS AND MAINTENANCE PROGRAM

Over four years (average & maximum volumes):

- Authorize between 7.5 and 17.65 million cy of sediment from 7 deep draft and 4 shallow draft channels
- Dispose of between 4.35 and 7.98 million cy of sediment at in-bay disposal sites
- Beneficially reuse between 440,000 cy and 3.9 million cy sediment at wetland restoration sites
- Increase use of hydraulic hopper dredging to up to 7 channels

CHANGE FROM PREVIOUS DREDGING PROGRAM

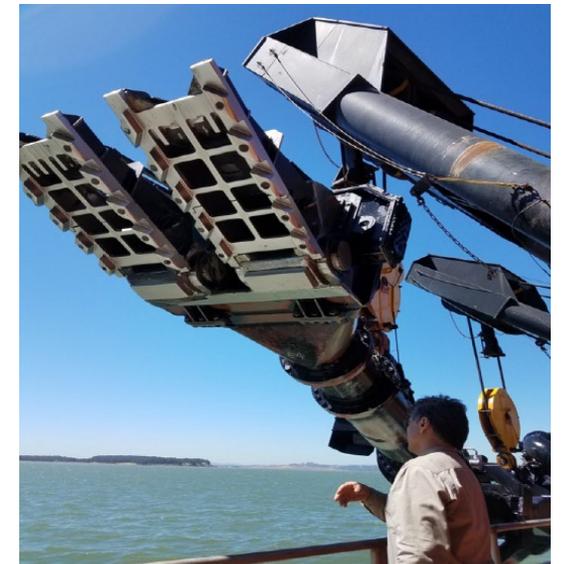
Regional Approach

- Reduce ocean disposal, increase in-Bay disposal to increase beneficial reuse
- Increase hydraulic hopper dredging, increase in-Bay disposal, to increase beneficial reuse
- Hydraulic dredging outside the environmental work window
- First time USACE has included beneficial reuse as “Federal Standard Program”

ISSUES RAISED

Consistency with Coastal Zone Management Program –

- Increase in-Bay disposal
- Increase in hydraulic dredging
- Potential increase of in-Bay disposal during restricted period



CONSISTENCY WITH THE POLICIES OF THE SF BAY COASTAL ZONE MANAGEMENT PROGRAM

- McAteer Petris Act, Section 66605 – minimize fill in the Bay
- Fish, Other Aquatic Organisms, and Wildlife – requires Commission to protect native and special status fish and wildlife and their habitat; consideration of recommendations of resource agencies
- Subtidal Areas – requires the Commission to evaluate effects of dredging and filling in subtidal areas; to avoid and minimize impacts and authorize projects only with public benefits and when no alternative is feasible

CONSISTENCY WITH THE POLICIES OF THE SF BAY COASTAL ZONE MANAGEMENT PROGRAM

- Water Quality – protect water quality and follow the advice and recommendations of the Water Board
- Dredging – minimize dredging and in-Bay disposal, maximize beneficial reuse, test sediment for contamination, implement the environmental work windows per the requirements of the resources agencies
- Mitigation – requires Commission to avoid, minimize, and if cannot, mitigate for impacts to bay resources
- Navigation safety, public trust – remove navigation hazards, prevent oil spills, and provide for trust needs for the State

STAFF RECOMMENDATION

Recommends the Commission conditionally concur with the USACE that the proposed 2026-2029 is consistent to the maximum extent practicable with the federally certified San Francisco Bay CZMP:

Over four years

- Authorize between 7.5 and 17.65 million cy of sediment from 7 deep draft and 4 shallow draft channels
- Dispose of between 4.35 and 7.98 million cy of sediment at in-bay disposal sites
- Beneficially reuse between 440,000 cy and 3.9 million cy sediment at wetland restoration sites
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STAFF RECOMMENDATION

Condition the Letter of Agreement, among others, to:

- Provide an integrated alternative disposals site analysis each year to determine the feasibility of increasing beneficial reuse and reducing in-Bay disposal due to funding and equipment
- Report progress of balancing increased in-Bay disposal and increased beneficial reuse, entrainment, and mitigation successes to the Commission
- Dredge within the environmental work windows, but if infeasible, beneficially reuse sediment as mitigation
- Restrict hydraulic dredging at Richmond and Oakland Harbors during herring spawning season, and in Suisun during Delta smelt spawning season
- Test the sediment to ensure appropriate for beneficial reuse or aquatic disposal

THANK YOU

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