

**STRATEGIC AQUATIC SEDIMENT PLACEMENT
PILOT PROJECT
BCDC CONSISTENCY DETERMINATION NO. C2022.011.00**

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APRIL 6, 2023

PROPOSED PILOT PROJECT – SEPTEMBER 2023

- 100,000 cy of clean dredged sediment from Redwood City Federal Navigation Channel
- Place sediment in 9-12 feet of subtidal water adjacent to Whale's Tale Marsh and mudflats
- Monitor results for 3 months to 1 year



ISSUES TO CONSIDER

- (1) Whether the proposed pilot project is considered the minimum fill necessary for the project under the McAteer Petris Act;
- (2) Whether it is consistent with the Commission's policies, including Fish, Other Aquatic Organisms and Wildlife, Tidal Marsh and Tidal Flats, Water Quality, Subtidal Areas and Dredging regarding pilot projects and sufficient monitoring periods;
- (3) Whether the impacts to the subtidal habitat and wildlife is justified by the need to understand this technique; and
- (4) Whether the project is consistent with the Climate Change policies regarding adaptation of natural areas.

STAFF RECOMMENDATION

The staff recommends the Commission conditionally concur with the USACE that the Strategic Aquatic Sediment Placement Pilot Project, as described and conditioned below is consistent to the maximum extent practical with the San Francisco Bay Coastal Zone Management Program, including but not limited to the following conditions:

- Limit the timing of placement to the environmental work windows to reduce impacts
- Monitor a reference site and the placement and target site pre and post placement
- Provide the Commission with Monitoring and Pilot Project Assessment Reports
- Removal of sediment should the sediment remain and cause harm than removal