

STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

STAFF SUMMARY REPORT: Xavier Fernandez
MEETING DATE: July 14, 2021

ITEM: 6

Sediment for Survival: A Strategy for the Resilience of Bay Wetlands in the Lower San Francisco Estuary – Presentation on the Sediment for Survival Report by Scott Dusterhoff, San Francisco Estuary Institute – Information Item

DISCUSSION:

This item will provide an overview of the recently released Sediment for Survival Report (<https://www.sfei.org/projects/sediment-for-survival>). The report examines future sediment supply and demand in the Bay and provides a sediment management strategy aimed at increasing the resilience of tidal marshes and tidal flats to climate change. The report uses current data and climate projections to determine how much natural sediment may be available for tidal marshes and tidal flats and how much supplemental sediment may be needed under different future scenarios. These sediment supply and demand estimates are combined with scientific knowledge of physical and biological processes to offer a sediment management strategy that will allow these wetlands to survive a changing climate and provide benefits to people and nature for many decades to come. Board member Gunther and several Water Board staff contributed to the report by participating in the Management Advisory Committee.